114

Topic-wise

REASONING

& COMPUTER APTITUDE

Previous Year Question Bank

for IBPS/ SBI/ RRB/ RBI Bank Clerk/
PO Prelim & Main Exams (2010 - 2024)

8th Edition

114 Papers | **23** Topics | **5300+** Questions

Fully Solved | Authentic Solutions

DISHA Publication Inc

114

Topic-wise

REASONING
COMPUTER & APTITUDE

Previous Year Question Bank

for IBPS/ SBI/ RRB/ RBI Bank Clerk/
PO Prelim & Main Exams (2010 - 2024)

DISHA™
Publication Inc

Buying Books from Disha is always Rewarding

This time we are appreciating your writing Creativity.
Write a review of the product you purchased on Amazon/ Flipkart
Take a screen shot / Photo of that review

Scan this QR Code ➜
Fill Details and submit | That's it ... Hold tight n wait.
At the end of the month, you will get a surprise gift from Disha Publication

Scan this QR code

Write To Us At

feedback_disha@aiets.co.in

www.dishapublication.com

DISHA™
Publication Inc

CONTENTS

Topic-wise Solved Paper
for SBI/IBPS/RRB/RBI 2023-24

Analogy & Classification

1. Find the odd one out____.
    (RRB Office Asst. Prelim-2023)
    (a) BDE   (b) UWX   (c) RUY   (d) KMN
    (e) WYZ
2. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
    (RBI Assist. Prelim-2023)
    (a) TVE   (b) BAD   (c) SUF   (d) JLO
    (e) GIR

Alphabet Test

1. If a four-letter meaningful word can be formed by using the third, fourth, eighth and ninth letters from the word "ORGANISATION", then what is the last letter from the right end of the newly formed word? Mark X as your answer, if more than one word is formed. Mark Z, if no meaningful word can be formed.
    (SBI Clerk Prelim-2023)
    (a) T   (b) L   (c) X   (d) Z
    (e) E
2. In the following question, five different words are given in the options. Along with each word, positions of four letters in that word are given and the positions of the letters are counted from the left end of the word. Four lettered meaningful word can be formed from the letters corresponding to the positions given in each option without jumbling the letters. Which of the following options will give a meaningful English word?
    (SBI Clerk Mains-2023)
    (a) Claustrophobia – 2, 7, 12, 14
    (b) Photosynthesis – 2, 7, 8, 12
    (c) Incomprehensive – 3, 4, 10, 12
    (d) Notwithstanding – 4, 5, 11, 12
    (e) Parallelogram – 6, 7, 12, 13
3. If we form a four-letter meaningful word by using the 2nd, 5th, 7th and 9th letters from the left end of the word "ARITHMETIC", then which of the following will be the last letter of the meaningful word thus formed? If more than one meaningful word is formed mark Y as your answer. If no meaningful word is formed, mark X as your answer.
    (SBI PO Prelim-2023)
    (a) H   (b) G   (c) I   (d) Y
    (e) X
4. If it is possible to make a meaningful word from 1st, 3rd, 5th and 6th letters of word "**INCREDIBLE**", then which will be the 3rd letter of the word from left end? If no such

word can be formed, then mark the answer as 'X'. If more than one word can be formed mark the answer as 'Y'.
    (SBI PO Main-2023)
    (a) X   (b) Y   (c) E   (d) D
    (e) C
5. How many such pairs of letters are in the word "BUCKJUMP" each of which has as many letters between them in the word as there are in the English alphabetical seris (both forward and backward directions)?
    (RRB Office Asst. Prelim-2023)
    (a) One   (b) Three
    (c) Four   (d) More than four
    (e) Two

DIRECTIONS (Qs. 6-10): *Study the following information carefully and answer the given questions.*
(RRB Office Asst. Prelim-2023)

WAR NET TUN GOF FIX

6. How many letters are there in the English alphabetical series between the second letter of the second word from the left end and second letter of the first word from the right end?
    (a) Five   (b) Seven   (c) Three   (d) Eight
    (e) Four
7. If all the words are arranged in alphabetical order from the left end, then which of the following word is second from the right end?
    (a) WAR   (b) NET   (c) TUN   (d) GOF
    (e) FIX
8. If all the letters in each word are changed to the immediate next letter as per alphabetical series, then how many words thus formed will have no vowel?
    (a) One   (b) Two
    (c) Three   (d) More than three
    (e) None
9. If the first letter of each word from the left end is replaced by S, then how many meaningful words can be formed?
    (a) One   (b) Two
    (c) Three   (d) More than three
    (e) None
10. If all the letters are arranged in reverse alphabetical order within the words from the left end, then how many words thus formed will have the second letter as a vowel?
    (a) One
    (b) Two
    (c) Three
    (d) More than three
    (e) None

11. If it is possible to make a meaningful word by using the second, fourth, fifth and eight letters from the left end of the word "LIFEHACKS" using each letter only once, then what is the last letter of the word thus formed? If no such word is formed, mark the answer as "Y". If more than one word can be formed mark the answer as "X".

    (RRB Office Asst. Prelim-2023)

    (a) H   (b) X   (c) Y   (d) E
    (e) K

12. If all the vowels are replaced by immediate next letter and all the consonants are replaced by immediate previous letters of the word "PYTHAGORAS" and then the letters are arranged in alphabetical order from left to right, then which of the following letter will be fourth from the left end?   **(RRB Office Asst. Main-2023**

    (a) Q   (b) G   (c) P   (d) F
    (e) H

13. If it is possible to make only one meaningful 3-letter English word with the 4th, 6th and 9th letters of the word 'DISTINGUISH, which of the following will be the first letter from the left end of that word? If no such word can be made give 'Y as the answer and if more than one such word can be made give 'X as the answer.

    (RRB Office Asst. Main-2023)

    (a) N   (b) X   (c) Y   (d) T
    (e) I

14. If it is possible to make a meaningful word from 2nd, 4th, 6th and 8th letters of word "MEMBERSHIP", then which will be the 3rd letters of the word formed: If no such word can be formed, then marks the answer as 'Y'. If more than two word can be formed mark the answer as 'Z'.

    (RRB Officer Scale-I Prelim-2023)

    (a) Y   (b) Z   (c) R   (d) S
    (e) none of these

15. How many pairs of letters are there in the word "CONSERVATOR" which has as many letters between them in the word as in the alphabetical series (Both forward and backward direction)?

    (RRB Officer Scale-I Prelim-2023)

    (a) three   (b) four   (c) five   (d) six
    (e) none of these

16. If it is possible to make a meaningful word form 1st, 2nd, 4th and 5th letters of word "INTELLIGENT", then which will be the 3rd letters of the word formed: If no such word can be formed, then mark the answer as 'Y'. If more than two word can be formed mark the answer as 'Z'.

    (RRB Officer Scale-I Prelim-2023)

    (a) Y   (b) Z   (c) N   (d) X
    (e) None of these

17. If each vowel in the word ACCOUNTANT. I is added and in each consonant I is substracted. then which letter will be at the 2nd from the right in the newly formed words?

    (RRB Officer Scale-I Prelim-2023)

    (a) B   (b) M   (c) S   (d) V
    (e) P

18. Each consonant of the word 'CAPITALISATION' is changed to the next letter in the English alphabetical series and each vowel is changed to the previous letter in the English alphabetical series. If the new alphabets thus formed are arranged in alphabetical order (from left to right), which of the following will be the fifth letter from the right end?   **(RRB Officer Scale-I Mains-2023)**

    (a) N   (b) M
    (c) Q   (d) V
    (e) T

19. How many such pairs of letters are there in the word 'SATISFACTORY', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet?   **(RBI Assist. Prelim-2023)**

    (a) One   (b) Two
    (c) Three   (d) Four
    (e) None

20. If it is possible to make only one meaningful English word with the first, the third, the fourth, the seventh and the eighth letters of the word "EAGLESTONE", which of the following will be the first of the word? If no such word can be made give 'X' as the answer and if more than one such word can be made give 'Y' as the answer.

    (RBI Assist. Prelim-2023)

    (a) X   (b) Y   (c) G   (d) E
    (e) T

21. How many such pairs of letters are there in the word HORIZONTAL, each of which has as many letters between them in the word as they have between them in the English alphabetic?   **(RBI Asst. Mains-2023)**

    (a) None   (b) One
    (c) Two   (d) Three
    (e) More than three

22. How many pair of letters are there in the word "EXECUTIVE" that has as many letters between them backward and forward in the word as in the alphabet?   **(IBPS PO Prelim-2023)**

    (a) One   (b) Three
    (c) Two   (d) More than three
    (e) None of these

23. If T is not the last letter of the word, it is possible to make a meaningful word using first, second, third and fifth letters of the word TRAIPSE, then which is the third letter of the word from the left end? If no such word would be formed, mark the anser as 'X'. If more than one word can be formed mark the answer as 'Y'.   **(IBPS Clerk Prelim-2023)**

    (a) A   (b) T
    (c) R   (d) Y
    (e) X

DIRECTIONS (Qs. 24-25): *Study the following information to answer the given questions.*   **(RBI Grade B-2023)**

@ G 63 N $ 8 L V S 4 D + 9 C ! 1 Î R * H 7 X O

STEP 1: Those numbers which are immediately preceded by a symbol and immediately followed by an alphabet are written at the right end in descending order.

STEP 2: After completing step 1, the alphabet which is immediately followed by a symbol are written between 7th and 6th element from right end in alphabetical order from left to right.

24. Which of the following element is 4th to the right of the element which is 11th from the right end in step 1?
    (a) *   (b) R
    (c) H   (c) C
    (e) 1
25. How many alphabets are immediately followed or preceded by symbol in step 2?
    (a) Four   (b) Two
    (c) Five   (d) None
    (e) Three

Coding-Decoding

DIRECTIONS (Qs.1-5): *Study the following information carefully and answer the given questions.*
(SBI Clerk Prelim-2023)

In a certain code of language.
'city bus on school' is written as 'ql pr oz hr'
'school college on road' is written as 'yk oz nr ql'
'road circle through bus' is written as 'hr we fg yk'
'college navigation gone through' is written as 'qh nr we sn'

1. What is the code for 'road' in the given code of language?
    (a) oz   (b) hr   (c) ql   (d) we
    (e) yk
2. What is the possible code of 'city college earth' in the given code language?
    (a) pr ql nr (b) pr nr cr (c) nr oz ql (d) pr nr we
    (e) pr nr hr
3. The code 'qh' stands for which of the following word?
    (a) Either' navigation' or 'road'
    (b) Either 'gone' or 'city'
    (c) Either 'gone' or 'navigation'
    (d) Either 'school' or 'road'
    (e) None of these
4. What is the code for 'school' in the given code language?
    (a) ql   (b) nr
    (c) oz   (d) Either ql or oz
    (e) None of these
5. What is the code for 'circle' in the given code of language?
    (a) hr   (b) we   (c) fg   (d) yk
    (e) none of these
6. Read the following information carefully and answer the questions.   **(SBI Clerk Mains-2023)**
    In a certain code language, words and phrases are coded in accordance with the following set of rules-
    1. All the consonants except N, M, and I are coded as the numbers of the even number series starting from 2. For example, Y is coded as 2, X is coded as 4, W is coded as 6 and so on.
    2. N, M, and R are coded as $, @ and % respectively.
    3. The vowels are coded as the position of letter we get by reversing the English alphabetical series The codes for vowels are-
    4. If the third or the fourth letter of a word is a vowel, then that vowel is coded as '#'.
    5. If the number of letters in a particular word is even, then the code for that particular word starts with an 'C' and if the number of letters is odd, then the code for that word starts with a 'A'.

The word 'BUSINESS' is coded as?
1. C2624#&242422
2. Z2426#&222424
3. Z2624#&222424
4. C2624#&222424
5. C2426#&222424

7. The first part of the code for the word 'INTERMEDIATE' is C18&26#%@. What is the remaining part of the code for the given word?   **(SBI Clerk Mains-2023)**
    (a) 22618262622   (b) 22186262622
    (c) 22618222626   (d) 22626182622
    (e) 22186222626
8. The positive difference between the sum of individual digits present in the code for the first word and for the second word in the phrase 'DOCTOR ENGINEER' is?
    (SBI Clerk Mains-2023)
    (a) 9   (b) 11   (c) 13   (d) 1
    (e) 3

DIRECTIONS (Qs. 9-12): *Study the following information carefully and answer the question given below*
(SBI PO Prelim-2023)

In a certain code language:
"Fare is worship" is coded as "jk kt pq"
"Fare hard always" is coded as "jk mn wp"
"always do worship" is coded as "wp st pq"
"hard time passes" is coded as "mn ab ef"

9. Which among the following words is coded as "kt"?
    (a) Fare   (b) is
    (c) hard   (d) time
    (e) None of these
10. Which among the following words is coded as "ab"?
    (a) time   (b) passes
    (c) is   (d) Either (a) or (b)
    (e) None of these
11. Which of the following words is correctly matched with its code?
    (a) Fare - kt   (b) is - jk
    (c) worship - mn   (d) do - kt
    (e) hard - mn
12. What is the code of "time passes" as per the given code language?
    (a) ab uv   (b) ef jk
    (c) ab ef   (d) ef kt
    (e) Cannot be determined

DIRECTIONS (Qs. 13-16): *Study the following information carefully to answer the given questions.*
(RRB Office Asst. Main-2023

In a certain code language,
"Flower Red Fool" is coded as "Boku Faki Hish"
"Jocker Red Energy" is coded as "Suzo Faki Arka"
"Jocker Posh Box" is coded as "Bibi Poka Arka"
"Jocker Is Flower" is coded as "Hish Mobi Arka"
"Fool Is Bad" is coded as "Piko Mobi Boku"

13. What does the code 'Mobi' means?
    (a) Is   (b) Flower   (c) Black   (d) Bad
    (e) Fool
14. What is the code for Fool?
    (a) Hish   (b) Boku   (c) Mobi   (d) Piko
    (e) Arka

15. What is the code for Box?
    (a) Suzo   (b) Bibi   (c) Piko   (d) Poka
    (e) Can not be determined
16. What does the code 'Piko' stand for?
    (a) Energy (b) Posh   (c) Flower (d) Bad
    (e) Is
17. In a certain language, SHIRT is written as TRIHS, which word would be written as DOUBT?
    (RBI Assist. Prelim-2023)
    (a) SPBEC   (b) PSEBV
    (c) TBUOD   (d) EBPST
    (e) TQCFN
18. In a certain code DUPLICATE is written as MRV FJFVBE. How is CARTOUCHE written in that code?

    (RBI Asst. Mains-2023)
    (a) UTBEPWDJF   (b) UTBFQFJDW
    (c) UTBEQFJDW   (d) UTBEPFJDW
    (e) None of these
19. In a certain code, '548' means 'Book are New' '872' means 'Pen are Red' and '749' means 'Pen was New'. Which of the following digits represents 'was' in that code?
    (IBPS PO Prelim-2023)
    (a) 2   (b) 5   (c) 9   (d) 8
    (e) 7

DIRECTIONS (Qs. 20-24): *Study the following information carefully and answer the given questions.*
(IBPS Clerk Prelim-2023)

In a certain code language
"Little hand on Left"   is coded as **"un gy kg zc"**
"Watch stole from hand"   is coded as **"zg rj un xo"**
"Little watch is found"   is coded as **"kg tn ml rj"**
"He found everything"   is coded as **"tn ie oj"**

20. What is the code for the phrase "found watch in the given code language?
    (a) kg tn   (b) ml un
    (c) zg xo   (d) xo un
    (e) tn rj
21. What is the word for the code **"xo"** in the given code language?
    (a) from   (b) left
    (c) stole   (d) Either a or c
    (e) Either a or b
22. What is the possible code for "Lettle leg" in the given code language?
    (a) ak tn   (b) kg ak
    (c) kg xo   (d) oi rj
    (e) kg gy
23. If "Oil can stole" is coded as "qbxoiv", then what will be the code for "From Hand" in the given code language?
    (a) sl tn   (b) zg zc
    (c) zg un   (d) rj sl
    (e) un zc
24. What is the code for the word "Everything" in the given code language?
    (a) ie   (b) rj
    (c) tn   (d) oj
    (e) Cannot be determined

DIRECTIONS (Qs. 25-28): *Study the following information carefully and answer the below questions*
(IBPS Clerk Mains-2023)

Conditions:
1. All the consonants except M, N, P are coded as $1-9$ in the same order. M, N, P are coded as @, &, * respectively.
2. If 1st letter of a word is vowel and last letter is M /N/P, then that vowel is coded as the code of last letter.
3. If a word has odd number of letters then the 1st vowel (if present) is coded as '#' and If a word has even number of letters and ≥ 2 consonants are there after first vowel, then that vowel is coded as'$'.
4. If last letter is vowel then that vowel is coded as "%".
5. If there are more than two repeated vowels then the consonant adjacent to them are coded as the code of the next letter of the consonant according to the alphabetical order.
6. If there are more than three consonants which are immediately followed by vowels then those vowels are coded as "+".
7. If none of the above condition satisfied for vowel then that vowel is coded as "^".

25. What will be the codes of the words "Palm" and "Outside" respectively?
    (a) $1 > 9\#$, $\#^43^3\%$ (b) $*\$9@$, $\#^43^3\%$
    (c) $1\#9@$, $@\$3\%3\#$ (d) $*\$9@$, $@\%3 > 3 >$
    (e) None of these
26. If the word "DE _ _ _ E is a meaningful word then what is its code?
    (a) $3 \wedge 2 \wedge 3 \wedge$ (b) $3 + 2 \wedge 3 \wedge$
    (c) $3 + 2 + 3 +$ (d) $3@ 2 @ 3 +$
    (e) None of these
27. Which of the following words are coded as "98^ 23,* ^ ^ 3" respectively?
    (a) LOCKS ,PAIN   (b) ZBERA, PACK
    (c) LYARD, PAID   (d) ZKING, PARK
    (e) LWEIS, PALM
28. What will be the code of "FACEBOOK" ?
    (a) $4\$2 \wedge \perp \wedge\wedge 8$ (b) $4 \wedge 2 \$ \perp \wedge\wedge 8$
    (c) $4 + 2 + \perp \wedge \wedge 8$ (d) $4\$2 \wedge 1 \perp + + 8$
    (e) None of these

DIRECTIONS (Qs. 29-32): *In every question, two rows are given and to find out the resultant of a particular row you need to flow the following conditions:*   **(IBPS Clerk Mains-2023)**

Conditions:
1. If an odd number is followed by a perfect square number then resultant will be the positive different between the two.
2. If an even number is followed by an even number then resultant will be the addition of positive difference between the two numbers with the higher number.
3. If an odd number is followed by an odd prime number then resultant will be the positive difference between the two.

4. If an odd numbers is followed by an odd non - prime number then resultant will be average of the two numbers.
5. If an odd number is followed by an even number which is not a perfect square number then the resultant will be twice of the positive difference of the two numbers.
6. If an even number is followed by an odd number then the resultant will be addition of the two numbers.

29. If "X" is the resultant of Row 2 then what is the sum of resultants of both the rows?
    R1 : 19 35 X
    R2 : 30 18 17
    (a) 87   (b) 85   (c) 91   (d) 93
    (e) 83

30. What is the subtraction of resultant of row 2 from the sum of resultants of row 1 and row 3?
    R1 : 23 16 10
    R2 : 33 28 15
    R3 : 36 21 15
    (a) 17   (b) 20   (c) 23   (d) 24
    (e) 29

31. If "X" is the resultant of Row 2 and "Y" is the resultant of Row 3 then what is the resultant of row 1?
    R1 : 27 X Y
    R2 : 23 16 12
    R3 : 42 8 50
    (a) 136   (b) 142   (c) 155   (d) 170
    (e) 160

32. What is the resultant of the new row made by arranging the resultant of the 3 rows in ascending order from left to right?
    R1 : 14 12 29
    R2 : 33 26 20
    R3 : 15 28 16
    (a) 24   (b) 10   (c) 35   (d) 48
    (e) 60

Blood Relation

DIRECTIONS (Qs. 1-3) : *Read the following information carefully and answer the questions given below.*
(SBI Clerk Prelim-2023)

Eight members of a family have two married couples and consist of three generations. G is the brother-in-law of H. I is the only sister of H. J is the son-in-law of I. K is the sister-in-law of L. M is the son of J and M has only one sister. J is the brother of L. The remaining person is N.

1. If L is married to a girl named P, then how is L related to N?
    (a) Father   (b) Uncle
    (c) Brother   (d) Cannot be determined
    (e) Niece
2. What is the relationship between J and M?
    (a) Brother, sister   (b) Father, son
    (c) Mother, daughter (d) Mother, son
    (e) Grandparent, grand child
3. Which of the following statement is Correct?
    (a) K is the daughter in law of G.
    (b) J is uncle of N   (c) N is uncle of L
    (d) G is father of L   (e) Both (a) and (c)

If 'P + Q' means 'P is the father of Q'
If 'P $ Q' means 'P is the mother of Q'
If 'P % Q' means 'P is the brother of Q'
If 'P & Q' means 'P is the sister of Q'
If 'P # Q' means 'P is the daughter of Q'

4. In the following expression: 'A # O + N & M ? B'. What should come in the place of the question mark (?), to establish that 'M is the daughter of B'?
    (a) +   (b) $ (c) %   (d) #
    (e) None of these
5. Which of the following options is true if the expression 'B & A + W # H & N % G' is definitely true?
    (a) W is the nephew of G.
    (b) A is the brother in law of G.
    (c) B is the uncle of N.
    (d) N is the aunt of W.
    (e) None of the above
6. Which of the given expressions indicates that U is the uncle of V?
    (a) U & A + B # O & V   (b) U % A $ B # O + V
    (c) U # A + B % O $ V   (d) U % A $ B & O + V
    (e) None of these
7. How is J related to A in the expression 'C + B $ A & K # J % T'?
    (a) Brother   (b) Father
    (c) Mother   (d) Grandfather
    (e) None of these

DIRECTIONS (Qs. 8-11): *Study the information given carefully and answer the following questions below.*

Eight members P, Q, R, S, W, X, Y and Z are in a family related to each other. Only three married couples are there in the family and there are four generations in the family. Some are males and some are females. The number of females is more than the number of males in the family. Either single or both parents are alive in the family.
Z is the sister-in-law of Y, who is the spouse of W. X is the daughter of W and mother of S, who is the granddaughter of Y. W is the daughter-in-law of R who is the husband of P. S and Z are not married.

8. Who is the spouse of Q?
    (a) P   (b) R
    (c) S   (d) X
    (e) None of these
9. How is P related to X?
    (a) Father   (b) Grandfather
    (c) Grandmother   (d) Mother
    (e) None of these
10. How many female members are there in the family?
    (a) Three   (b) Five
    (c) Four   (d) Six
    (e) None of these
11. If all the letters of the word "SEPTEMBER" are arranged in alphabetical order starting from the left end, then how many letters are there in English alphabets between the

letters which are fifth from the right end and fourth to the left of the seventh letter from the left end?
(a) Five   (b) Four
(c) Two   (d) Three
(e) More than Five

DIRECTION (Q. 12): *Read the following information carefully and answer the following question.*

(SBI PO Main-2023)

P @ Q means P is the son of Q
P & Q means P is the daughter of Q
P $ Q means P is the father of Q
P % Q means P is the mother of Q
P # Q means P is the wife of Q
P * Q means P is the husband of Q
P + Q means P is the sister of Q

12. If, T + S @ Q # R $ O % N; S * M % I. Then how N is related to I?
    (a) Sister   (b) Brother
    (c) Nephew   (d) Cousin
    (e) Cannot be determined

DIRECTIONS (Qs. 13-15): *Study the following information carefully and answer the given questions.*

(RRB Office Asst. Prelim-2023)

O is the mother of only M and J. L is the broth-in-law of M, who is an unmarried male member of the family. N is the daughter of L. who is the son-in-law of P. K is the granddaughter of P.

13. Who among the following is the granddaughter of O?
    (a) P   (b) L   (c) K   (d) N
    (e) Both (c) and (d)

14. How M is related to N?
    (a) Grandfather   (b) Brother-in-law
    (c) Uncle   (d) Brother
    (e) None of these

15. How many female members are there in the family?
    (a) Five   (b) Two
    (c) Three   (d) Four
    (e) Cannot be determined

DIRECTIONS (Qs. 16-18): *Study the given information and answer the questions that follow.*

(RRB Office Asst. Main-2023)

In a nine members family Atharv, Banita, Chander, Devika, Eshana, Farid, Geet, Hansika & Indu, there are 3 couples. In this family, no single parent had a child.

Atharv has three children two of them are male. Hansika is the daughter-in-law of Atharv. Indu is the sister-in-law of Hansika. Devika is niece of Indu. Banita is brother-in-law of Chander who is unmarried. Banita has no sibling. Devika and Geet are from same generation. They are neither siblings no married. Eshana is a female.

16. How Geet is related to Banita?
    (a) Son   (b) Brother (c) Sister   (d) Daughter
    (e) Cannot be determined

17. Who is the son of Atharv?
    (a) Farid   (b) Chander
    (c) Indu   (d) Either (a) or (b)
    (e) Both (a) and (b)

18. How Chander is related to Devika?
    (a) Uncle (b) Aunt   (c) Mother   (d) Father
    (e) None of these

19. In a family of nine members. Q is the daughter of R and S is married to R. L is the husband of Q. Q is the daughter in law of K who is the wife of O. M is the sister of L. who is brother in law of N. P is the child of L. How is 'O' related to 'Q'?

(RRB Officer Scale-I Prelim-2023)

    (a) Mother in law   (b) Father
    (c) Son   (d) Father in law
    (e) None of these

DIRECTIONS (Qs. 20-22) *Study the following information carefully and answer the given questions.*

(RRB Officer Scale-I Mains-2023)

J, K, L, M, N, O, P, Q and R are nine persons of a family living in the same house. There are three married couple and three generations in this family. J is the only daughter of M, who is the paternal grandfather of Q. O is the son of N. Q is the daughter of P. K is the mother of P. K is not married to M. L is the maternal grandfather of Q. O is the father of Q. Q is sister of R.

20. How is J related to P?
    (a) Mother in-law   (b) Sister in-law
    (c) Father in-law   (d) Sister
    (e) Can't determined

21. How is R related to O?
    (a) Son   (b) Father
    (c) Daughter   (d) Can't determined
    (e) None for these

22. Which of the following is the pair of "husband-wife"?
    (a) M, K   (b) L, M   (c) J, P   (d) N, K
    (e) O, P

DIRECTIONS (Qs. 23-25): *Study the following information carefully and answer the given questions:*

(RBI Assist. Prelim-2023)

There are eight members P, Q, R, S, T, U, V and W in a family. Male members in a family are less than female members in a family. S is married to P's sister. U is sister-in-law of Q and mother of P. W is the father of R's mother. V is the nephew of P. W is father-in-law of S and has two daughters. U does not have siblings. R is the granddaughter of U. P is unmarried.

23. How is V related to W?
    (a) Son   (b) Nephew
    (c) Granddaughter   (d) Grandson
    (e) Niece

24. If W is related to T in the same way as S is related to _____.
    (a) P   (b) Q   (c) R   (d) U
    (e) V

25. If M is the son of Q, then how is P related to M?
    (a) Aunt   (b) Sister
    (c) Daughter   (d) Cousin
    (e) Sister-in-law

26. If 'P × Q' means `P is wife of Q', 'P + Q' means 'P is father of Q' and 'P ÷ Q' means 'P is sister of Q' then in G × H + R ÷ D, how is G related to D?   **(RBI Asst. Mains-2023)**
    (a) Cannot be determined (b) Mother
    (c) Niece   (d) Aunt
    (e) None of these

DIRECTIONS (Qs. 27-29): *Study the following information carefully and answer the given questions.*

G is the mother of A and is married to C. B is the brother-in-law of C who has no siblings. D is the sister of G. F is the father-in-law of C. E is the spouse of F. H is the grandson of E. Only one child of F is married.

27. How A is related to B?
    (a) Niece   (b) Nephew
    (c) Son   (d) Daughter
    (e) Cannot be determined

28. If K is the mother of C, then how K is related to H?
    (a) Niece   (b) Aunt
    (c) Grand Mother   (d) Sister
    (e) Mother-in-law

29. If H is the only nephew of D, then how A is related to B?
    (a) Wife   (b) Sister
    (c) Daughter   (d) Niece
    (e) None of these

Direction & Distance

DIRECTIONS (Qs. 1-4): *Read the information carefully and answer the questions given below:* **(SBI Clerk Mains-2023)**

There are few Buses travelling to some points. There are two junctions, 1 and 2 where 1 is west of 2. Point K is north, J is west and I is south of Junction 1. Point C is north, A is east and B is south of Junction 2.

Note: To reach one point to another, one must pass through at least one junction. In an expression movement is from left to right. Also distance between each point is unknown.

T$S: Bus T is at a certain point and moves left from the junction to reach point S.

T@S: Bus S is at a certain point and moves right from the junction to reach point T.

T%S: Bus T is at point S and moves left from the junction to reach a certain point.

T#S: Bus S is at point T and moves right from the junction to reach a certain point.

T&S: Bus T is at point S and moves straight through all the junctions to reach a certain point.

T+S: Bus S is at a certain point and moves straight through all the junctions to reach point T.

T!S: Bus T is at a point H and moves through the 1st junction then takes left turn at the 2nd junction to reach a certain point.

T*S: Bus S is at a certain point and moves through the 1st junction then takes left turn at the 2nd junction to reach point T.

1. In the given below expression, what is the final position of W with respect to its initial position?
    A+W$B, W&B
    (a) North-East   (b) North-West
    (c) South-East   (d) West
    (e) South

2. In the given below expression what is the initial position of bus Q with respect to initial position of bus G?
    Q%B+G
    (a) West   (b) South
    (c) North   (d) East
    (e) None

3. In the given below expression, what is the final position of N with respect to initial position of P?
    N!A#P&C
    (a) North-West   (b) North
    (c) South-West   (d) South-East
    (e) North-East

4. In the given below expression what is the initial position of bus U with respect to final position of bus Y
    U%I#Y%A
    (a) West   (b) South
    (c) North   (d) South-West
    (e) Can't be determined

DIRECTION (Q. 5): *Read the following information carefully and answer the question that follow:*

(SBI PO Main-2023)

The coding language used to indicate the positions of points is as follows:

P30@ Q means P is 15m north to the point Q

P9$ Q means P is 24m east to the point Q

P40% Q means P is 25m south to the point Q

P15& Q menas P is 30m west to the point Q

P5@ Q means P is 20m north to the ponit Q

P30$ Q means P is 15m east to the point Q

P30* Q means P is 15m northeast to the ponit Q

P9#Q means P is 24m southwest to the point Q

5. A32@B, B11%C, C9$D, D28%E, E20&F, F13&G, G26&H
    Which of the following is true?
    (a) F7*A   (b) C11@B
    (c) A9$B   (d) G14@D
    (e) None of the above

6. Rama goes 4 km towards the south. Then she turns towards the west and walks 13 km. After this, she turns towards the south and walks 3 km. again she turns towards the West and walks 11 km. How far is she from the starting point?
    (a) 25km   (b) 31km   (c) 12km   (d) 15km
    (e) 30km

7. U is 17 m north of V. W is 23 m south of X. X is 23 m east of U. Y is 6 m east of W. Z is 2 m south of Y. find U[13] direction with respect to Z?
    (RRB Officer Scale-I Prelim-2023)
    (a) North-west   (b) North-east
    (c) South-east   (d) South-west
    (e) None of these

DIRECTIONS (Qs. 8-9) *Each of these questions is based on the following information:* **(RRB Officer Scale-I Mains-2023)**

(i) P # Q means P is 3 m west of Q.
(ii) P $ Q means P is 12 m South of Q.
(iii) P ? Q means P is 8 m North of Q.
(iv) P @ Q means P is 9 m East of Q.

8. If the expression A $ D # N ? U $ F @ I ? G is true, what is the Shortest distance between F and D?
    (a) 7m   (b) 5m
    (c) 6m   (d) 8m
    (e) None of these

9.   If the expression 'J @ H ? B @ M @ E ? K' is true, what is the direction of E with respect to B?
     (a)   West   (b)   North
     (c)   East   (d)   South west
     (e)   None of these

DIRECTIONS (Qs. 10-12): *Study the following information carefully and answer the questions given below:*
                                                    (IBPS PO Prelim-2023)

K point M is 16 ft to the west of point L point K is 8ft to the south of point L. point J is 8 ft to the east of point K point I is 12 ft to the north of point J, point H is 12 ft to the west of point I. point G is 4 ft to the south of point H.

10. What is the direction of point K with respect to point G?
     (a)   South-West   (b)   North-East
     (c)   South-East   (d)   North-West
     (e)   None of these

11. If a point N is 4ft in the South direction with respect to I. Then what is the minimum distance between M and N ?
     (a)   24ft   (b)   18 ft   (c)   4 ft   (d) 8 ft
     (e)   None of these

12. What is the shortest distance between point J and point H?
     (a)   24ft   (b) $8\sqrt{2}$ ft
     (c)   12ft   (d) $10\sqrt{3}$ ft
     (e)   None of these

13. P is 9m to the north of Q. R is 4m to the north of S. T is 8m to the west of S. R is 6m to the east to Q. W is to the east of P north of S. T is 7m to the south of U. V is 4m to the east of U: **(IBPS Clerk Mains-2023)**
     (a)   TV   (b) QW   (c)   UP   (d)   TQ
     (e)   PR

14. Kumkum is 23m to the west of Ritika. Ritika is 25m to the north of Vinita. Vinita is 20m to the east of Lavnya. Laxmi is 21m to the north of Lavnya. If kumkum has to meet Laxmi through the shortest distance and then has to meet Vinita from Laxmi's point through the shortest distance, then what is the total distance travelled by Kumkum?
                                          (IBPS Clerk Mains-2023)
     (a)   30m   (b)   25m
     (c)   34m   (d)   38
     (e)   Cannot be determined

Time Sequence, Number & Ranking Test

DIRECTIONS (Qs. 1-4) : *Study the following information carefully to answer the given questions.*   **(SBI Clerk Prelim-2023)**

5 # P K 8 @ I H W 9% T O M D 8 &*73 × J B 2 S Q G 5 € F N C ©

1.   If the elements at even-numbered positions are removed from the arrangement, which element will be at the 8th position from the right side?
     (a)   X   (b)   7   (c)   &   (d)   R
     (e)   D

2.   How many numbers in the arrangement are immediately followed by a symbol?
     (a)   One   (b)   Zero   (c)   Five   (d)   Six
     (e)   Two

3.   How many elements are there which are followed by consonants are preceded by number?
     (a)   Two   (b)   One   (c)   Three   (d)   Five
     (e)   Four

4.   Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?
     (a)   8@I   (b)   *7×   (c)   GS€   (d)   k8@
     (e)   #PK

5.   How many such pairs of digits are there in the number "8347276133", each of which has as many digits between them in the number (both forward and backward direction) as they have between them in the numerical series?
                                          (SBI Clerk Prelim-2023)
     (a)   Four   (b)   Three   (c)   Two   (d)   Five
     (e)   More than five

DIRECTIONS (Qs. 6-8): *Answer the questions based on the information on given below:*   **(SBI Clerk Prelim-2023)**

A, B, C, D, E and F have different number of colors. A has more colors than E and C. B has more colours than F, who doesn't have fewer colors than A. B doesn't have the highest number of colors.

6.   Who has the highest of colors?
     (a)   A   (b)   D
     (c)   C   (d)   F
     (e)   E

7.   If C doesn't have the least number of colors, then who has the least number of colors?
     (a)   A   (b)   D   (c)   C   (d)   F
     (e)   E

8.   How many persons have more colors than E?
     (a)   Four   (b)   Five
     (c)   Two   (d)   Cannot be determined
     (e)   Three

9.   1 is added to the first digit, subtracted from the second digit, added to the third digit, and so on in the number '778446748284'. The final number is formed by interchanging the digits of the resulting number, that is the first and the second digits are interchanged, the third and the fourth digits are interchanged and so on. What is the difference between the largest two digit number in the number system and the sum of all the digits of the final number thus obtained?   **(SBI Clerk Mains-2023)**
     (a)   30   (b)   33   (c)   35   (d)   41
     (e)   36

10. If all the vowels in the word 'DEPOSIT' are shifted by two forward places according to the English alphabet series and all the consonants are shifted by four backward places according to the English alphabet series, the alphabets thus obtained are then placed in alphabetical order, starting from the left to the right. What is the difference between the position in the alphabetical series of the second letter from the right end and the fourth letter from the left end of the newly formed arrangement?
                                          (SBI Clerk Mains-2023)
     (a)   10   (b)   12   (c)   11   (d)   2
     (e)   9

DIRECTIONS (Qs. 11-13): *Study the following information carefully and answer the questions given below*
(SBI PO Prelim-2023)

Seven students A, B, C, D, E, F and G are studing in same class but different weights. G is heavier than B. A is heavier than only three people. B is heavier than A. E is heavier than D but lighter than C. F is heavier than C but lighter than B.

11. How many Students are lighter than F?
    (a) Five (b) Four (c) Two (d) Three
    (e) None of these

12. Who is the third lightest student?
    (a) E (b) F (c) C (d) A
    (e) None of these

13. How many students there between B and E?
    (a) Three (b) One
    (c) More than three (d) Two
    (e) None of these

DIRECTIONS (Qs. 14-17): *Study the following information carefully and answer the given questions.*
(RRB Office Asst. Prelim-2023)

6 $ 4 Q & 9 * 3 > % 5) 1 < * 8 # 7 + 2 L

14. Which of the following element is sixth to the right of the twelfth element from the right end of the given series?
    (a) 8 (b) + (c) $ (d) %
    (e) #

15. What is the sum of the eighth element from the left end and ninth element from the right end of the given series?
    (a) 18 (b) 08 (c) 11 (d) 17
    (e) 4

16. How many such symbols are there in the given series each of which is immediately followed by an odd number and immediately preceded by an even number?
    (a) One (b) Two (c) Three (d) Four
    (e) None

17. The number of symbols to the right of 5 is the same as the number of symbols between ____ and ____.
    (a) 6 & 9 (b) 3 & L (c) Q & 7 (d) 1 & Q
    (e) $ & 2

18. Six persons sitting in a row according to their weight. O is heavier than M but lighter than N. Only 2 person are lighter than M and N is not the heavier. P is lighter than P. Q is heavier than but lighter than R. The weight of second heavist is 105kg and the weight of third lightest 75kg. What may be the weight of 'O'?
    (RRB Officer Scale-I Prelim-2023)
    (a) 110 (b) 95 (c) 70 (d) 65
    (e) none of these

19. If all the even digits of the number "78965932" are increased by '1', then all the digits of the new number are arranged in descending order from left to right, now what will be the sum of second digit from left end and fifth digit from the right end? **(RRB Officer Scale-I Mains-2023)**
    (a) 16 (b) 14 (c) 10 (d) 18
    (e) None of these

DIRECTIONS (Qs. 20-24): *Answer the questions based on the information given below:* **(RBI Assist. Prelim-2023)**

583 342 635 225 876

20. The sum of first and fourth number is how much greater than twice the second number?
    (a) 50 (b) 150 (c) 250 (d) 350
    (e) None of these

21. Which of the following number leaves a remainder 5 when divided by the square root of the only perfect square given in the arrangement?
    (a) 583 (b) 342 (c) 635 (d) 876
    (e) None of these

22. How many numbers are there in between the square of the third digit of the fifth number and the square of the first digit of the first number?
    (a) Three (b) Four (c) Five (d) Six
    (e) More than Six

23. If the second and third digit of each number is interchanged then how many new numbers will be perfect squares?
    (a) None (b) One (c) Two (d) Three
    (e) Four

24. If 4 is added to each number then how many new numbers will be prime numbers?
    (a) None (b) One
    (c) Two (d) Three
    (e) Four

DIRECTIONS (Qs. 25-29): *Study the following information carefully to answer the given questions:*
(RBI Assist. Prelim-2023)

F 5 X 3 H 7 @ T 6 9 Y B ! J N 1 & R ∧ K M # 8 * D $ H W % L

25. Which of the following is 8th to the right of 14th from the left end of the above arrangement?
    (a) 7 (b) D (c) ! (d) #
    (e) N

26. How many such consonants are there in above arrangement, each of which is immediately proceeded by a symbol and immediately followed by a consonant?
    (a) Two (b) One (c) Four (d) None
    (e) Three

27. Four of following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?
    (a) X @ H (b) Y N ! (c) @ Y 6 (d) M D 8
    (e) $ & N

28. If all the numbers in the above arrangement are dropped, then which of the following will be the 8th from the left end?
    (a) N (b) R (c) ! (d) T
    (e) &

29. How many such symbols are there in the above arrangement each of which are immediately preceded by a number and followed by an alphabet?
    (a) One (b) Four (c) Three (d) Five
    (e) Two

DIRECTIONS (Qs. 30-32): *Read the following information and answer the **three** items that follow:* **(RBI Asst. Mains-2023)**

Six students A, B, C, D, E and F appeared in several tests. Either C or F scores the highest. Whenever C scores the highest, then E scores the least, Whenever F scores the highest, B scores the least.

In all the tests they got different marks; D scores higher than A, but they are close competitors; A scores higher than B; C scores higher than A.

30. If F stands second in the ranking, then the position of B is
    (a) Third   (b) Fourth
    (c) Fifth   (d) Sixth

31. If B scores the least, the rank of C will be
    (a) Second   (b) Third
    (c) Fourth   (d) Second or third

32. If E is ranked third, then which one of the following is correct?
    (a) E gets more marks than C
    (b) C gets more marks than E
    (c) A is ranked fourth
    (d) D is ranked fifth

33. How many such pairs of digits are there in the number 947863512, each of which has those many digits between them in the number as they have between them when arranged in descending order within the number ?
    (RBI Asst. Mains-2023)
    (a) None   (b) One
    (c) Two   (d) Three
    (e) More than three

34. There are some conditions to be followed for every option and each word of the every option accordingly. Which of the following option will not have any meaningful word after arrangement?   **(IBPS PO Mains-2023)**
    Conditions:
    1. 1st word: 1st vowel from left end
    2. 2nd word: Nearest consonant to the first vowel.
    3. 3rd word: Highest consonant.
    4. 4th word: 3rd consonant from right.
    (a) ROBIN DOSE TRADE CRAMP
    (b) KITTEN PICKLE MENACE STAYED
    (c) HAIL JOLT BREAK APTLY
    (d) ACCEPT RERA HATE SPLIT
    (e) BEAT PORE BEAUTY ARTSY

DIRECTIONS (Qs. 35-37): *Study the following information carefully and answer the given questions.*
(IBPS Clerk Prelim-2023)

Six student A B C D E and F are of different height. B is taller than both C and F. A is taller than F but shorter than C. Only one student shorter than E. D is not tallest among all. As many students taller than A as shorter than F. The difference between the heights of A and C is 10cm and the height of the third tallest student is 162cm.

35. If the sum of the heights between A and E is 275cm, then who among the following student can be the height of 155cm?
    (a) B   (b) F
    (c) E   (d) D
    (e) Both (b) and (c)

36. Who among the following student is the second highest number of height?
    (a) B   (b) C
    (c) E   (d) F
    (e) A

37. What may be the height of B?
    (a) 151 cm   (b) 140 cm
    (c) 175 cm   (d) 164 cm
    (e) Either (c) or (d)

DIRECTIONS (Qs. 38-41): *Study the following information carefully and answer the given questions.*
(IBPS Clerk Prelim-2023)

P $ O Q ! r R Q P ∈ O © @ R Q ¥ P O * Q Q O ^ Q R & R Q # N P

38. How many such symbols are there in the given series each of which is immediately preceded by a symbol and immediately followed by an alphabet?
    (a) None   (b) Two
    (c) One   (d) Four
    (e) Five

39. How many such P's are there in the given series each of which is immediately preceded by a symbol?
    (a) Two   (b) None
    (c) One   (d) Three
    (e) More than three

40. As many symbols to the left of © as many symbols to the right of the symbol___.
    (a) ¥   (b) &
    (c) ^   (d) *
    (e) ~

41. Which of the following element will be 7th to the right of the 20th element from the right end of the given series?
    (a) !   (b) R
    (c) *   (d) Q
    (e) @

42. How many such pairs of digits are there in the number "42697861" digits between them in the number as they have in the number series? (Both forward and backward).
    (IBPS Clerk Prelim-2023)
    (a) Three   (b) One
    (c) Five   (d) Four
    (e) Six

Coded Inequalities

1. In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.   **(SBI Clerk Mains-2023)**
   Statements: $N \geq K < T; M > L \leq H; I \geq J \leq T; M = G \leq I; Z = F \leq H$
   Conclusions:
   I. $G > L$ II. $F > L$ III. $F = L$
   (a) Only I is True
   (b) Only I and Either II or III are True
   (c) Only II and Either I or III are True
   (d) Only III and Either II or I are True
   (e) None is true

2. In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.   **(SBI Clerk Mains-2023)**
   Statements: $J > I \leq G; T \geq L \geq K; A = M \geq G; J = N > T; K > U \leq H$

Conclusions:
I.   M > I   II.   L < H   III.   I = M
(a)   Either II or III is True
(b)   Either I or III is True
(c)   Either I or II is True
(d)   All are True
(e)   None is True

3.   In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.   **(SBI Clerk Mains-2023)**
Statements: K ≤ N < R; U = F ≤ T; H = I ≤ U; R = T; X = B > H
Conclusions:
I.   T > H   II.   R ≥ U   III.   H = T
(a)   Only I is True
(b)   Both I and III are True
(c)   Only II and Either I or III are True
(d)   Only III and Either I or II is True
(e)   Only II is True

DIRECTION (Q. 4): *In this question symbols %, #, @, & and * used with different meaning as follows.*
(SBI PO Main-2023)

A % B means that 'A is neither smaller than nor equal to B'
A # B means that 'A is neither greater than nor equal to B'
A @ B means that 'A is neither greater than nor smaller than B'
A & B means that 'A is not smaller than B'
A * B means 'A is not greater than B'

4.   In the question assuming the given statements to be true, find out which of the four conclusions givens below them is/are definitely true.
Statements:
I & N @ K % J; B * Q # N; G # K & H
Conclusions:
I.   I&H   II.   J%B
III.   Q#G   IV.   G#I
(a)   Only I and II   (b)   Only II and III
(c)   Only II and IV   (d)   Only I and IV
(e)   All I, II, III and IV

DIRECTIONS (Qs. 5-8): *In the given questions, the relationship between different elements is shown in the statements followed by two conclusion. Find the conclusion which is definitely true.*   **(RRB Office Asst. Prelim-2023)**

5.   **Statements**:
Y > I = Z > G < V ≥ M
Conclusions:
I.   V > Y   II.   M < Z
(a)   Only conclusion I is true
(b)   Only conclusion II is true
(c)   Either conclusion I or II is true
(d)   Neither conclusion I nor II is true
(e)   Both conclusions I and II are true

6.   **Statements**:
J < F ≤ Z = G > R > L

Conclusions:
I.   L < Z   II.   G < J
(a)   Only conclusion I is true
(b)   Only conclusion II is true
(c)   Either conclusion I or II is true
(d)   Neither conclusion I nor II is true
(e)   Both conclusions I and II are true

7.   **Statements**:
Z = O ≥ Y ≥ F = N ≥ X
Conclusions:
I.   Z = X   II.   O > X
(a)   Only conclusion I is true
(b)   Only conclusion II is true
(c)   Either conclusion I or II is true
(d)   Neither conclusion I nor II is true
(e)   Both conclusions I and II are true

8.   **Statements**:
B < L ≥ F > I = H ≥ V
Conclusions:
I.   L ≥ V   II.   H < L
(a)   Only conclusion I is true
(b)   Only conclusion II is true
(c)   Either conclusion I or II is true
(d)   Neither conclusion I nor II is true
(e)   Both conclusions I and II are true

DIRECTIONS (Qs. 9-10): *In the question, a relationship between different elements is shown in the statements. The statements are followed by conclusions. Find which of the conclusion definitely does not follow the given statements.*
(RRB Officer Scale-I Mains-2023)

9.   F ≤ D = E ; P > H ≥ N; A < R ≤ F; N = B < G > A
(a)   P > B   (b)   A < D
(c)   G > D   (d)   N > G
(e)   H = R

10.   S = W = T; Q = P ≥ Z; T ≤ N = R ≥ V; Z ≥ X < S
(a)   S > Q   (b)   Q ≥ X
(c)   R > S   (d)   N < X
(e)   V ≥ W

DIRECTIONS (Qs. 11-13): *In the following question, assuming the given statement to be true, find which of the conclusion (s) among the given conclusions is/are definitely true, and then give your answers accordingly.*   **(IBPS PO Prelim-2023)**

11.   **Statement:**
R < U ≤ Q = T ; Q = T; Q > L ≥ M; N = M < Q
Conclusions:
I.   R < M   II.   M ≥ R
(a)   Only I follows   (b)   Either I or II follows
(c)   Only II follows   (d)   Both I or II follows
(e)   Neither I or II follows

12.   **Statement:**
Q ≥ N > P = S; N < R = L ≤ T; L > Q = U
Conclusions:
I.   Q > R   II.   U < T
(a)   Only I follows   (b)   Only II follows
(c)   Either I or II follows   (d)   Neither I or II follows
(e)   Both I or II follows

13.   **Statement:**
      B ≥ K = T, X < B ≤ M; G > K > F
      Conclusions:
      I.   M ≥ K   II.   F < B
      (a) Only I follows   (b) Only II follows
      (c) Either I or II follows   (d) Both I or II follows
      (e) Neither I or II follows

DIRECTIONS (Qs. 14 - 16) : *In the following questions, the symbols $, @, #, * and & are used with the following meaning as illustrated below.*   **(IBPS Clerk Mains-2023)**

P $ Q mean P is neither less nor equal to Q
P @ Q mean P is neither greater nor equal to Q
P # Q mean P is neither less nor greater than Q
P * R means P is not greater than Q
P & Q means P is not less than Q
Now in each of the following questions assuming the given statements to be true, find which of the three conclusions I, II and II given below them is / are definitely true and give your answer accordingly.

14.   **Statement :** U @ O $ N * I @ E ; N # M @ A; O & W $ D
      Conclusions:
      (I)   O & A   (II)   I $ D
      (III) W @ E
      (a) Only conclusion I follows
      (b) Both conclusions I and II follow
      (c) All the conclusions follow
      (d) Either conclusion I or II follows
      (e) None of the conclusions follows

15.   **Statement :** N $ M # Z # D @ W * P; T $ O $ Z * H
      Conclusions :
      (I)   W @ H
      (II) T $ D
      (III) P & N
      (a) Only conclusion II follows
      (b) Both conclusions II and III follow
      (c) All the conclusion follow
      (d) Either conclusion II or III follows
      (e) None of the conclusions follow

16.   **Statements :** Z @ Y * A @ O ; Y & A # U $ X
      Conclusions:
      (I)   O $ X   (II)   U $ Z
      (III) A & S
      (a) Only conclusion III follows
      (b) Both conclusions I and III follow
      (c) Only conclusions I follows
      (d) Either conclusion I and III follows
      (e) None of the conclusion follows

17.   In which of the following expressions E > A, P < B is definitely true?   **(RBI Grade B-2023)**
      (a) C ≥ D > P ≥ A < B ≤ F < E
      (b) D ≤ G < E > T ≥ S ≥ B > A < P
      (c) G ≥ X < E ≥ Z = J ≥ A > B > W > P
      (d) W ≥ V = T > E = U > A < P < J ≤ B
      (e) Z ≥ S ≥ R = O < A > P > E < Q < B

18.   In which of the following expression does the expression N ≥ I is definitely true?   **(RBI Grade B-2023)**
      (a) C < I ≥ G ≥ K < M > Y ≥ N > F
      (b) M > N > O = X ≥ Z = W > H = I

      (c) O ≤ Y > N > C ≥ F ≤ Z = L < I
      (d) G > N = U ≥ T = F ≥ L ≤ I = H
      (e) Z > I ≤ Y = O = K ≤ H = N < T

Problem Solving

DIRECTIONS (Qs. 1-5): *Read the following information carefully and answer the questions given below.*
           (SBI Clerk Prelim-2023)

There are 7 persons – G, H, I, J, K, L and M – attended a seminar on different days among Monday, Tuesday, Wednesday, Thursday, Friday, Saturday and Sunday, Starting the week from Monday but not necessarily in the same order. (Assume that they attended in the same month of the year.)
Three persons attended between M and I. Neither M nor I is either the first or the last person to attend the seminar. Number of persons who attended before G is the same as the number of persons who attended after J. G attended after I but immediately before K. H did not attend the seminar after L.

1.   Which of the statements is true?
      (a) L attended on Monday.
      (b) Only two persons attended before G.
      (c) I attended before H.
      (d) J attended after Friday.
      (e) All the above
2.   Who attended the seminar on Thursday?
      (a) I   (b) J   (c) K   (d) M
      (e) L
3.   On which day does H attended?
      (a) Sunday   (b) Monday
      (c) Tuesday   (d) Wednesday
      (e) Cannot be determined
4.   In a certain way I is related to K, and G is related to J. Following the same – A is related to M?
      (a) I   (b) K   (c) J   (d) G
      (e) No one
5.   How many persons attended between G and L?
      (a) Three   (b) None   (c) Two   (d) One
      (e) More than three

DIRECTIONS (Qs. 6-10): *Study the following information carefully to answer the given questions.*
           (SBI Clerk Prelim-2023)

Ten people are sitting in two parallel rows of five each such that each person of one row is facing the other person of the other row. G, H, I, J and K sit in Row 2 facing North, while M, N, O, P and Q sit in the Row 1 facing South. Q sits in the middle of the row and is immediate left of the person who sits opposite J. I sits at an end of the row and is sitting opposite to N. O sits to the immediate left of Q. J sits exactly is between G and H. P. sits at an end of the row. H sits to the right of J.

6.   Who sits in the middle of Row 2?
      (a) I   (b) G   (c) J   (d) H
      (e) K
7.   How many people sit between the one who sits beside G and the one who sits at the right end of Row 2?
      (a) 1 person (b) 2 people (c) 3 people (d) 4 people
      (e) 5 people

8. Who sits opposite to the one who sits second to the left of the one sits beside P?
    (a) H   (b) G   (c) I   (d) K
    (e) N

9. Who sits at the end of the row?
    (a) P and M (b) M and N (c) G and K (d) G and N
    (e) I and M

10. Who sits diagonally opposite to I?
    (a) M   (b) N
    (c) O   (d) P
    (e) Q

11. Six friends Deepak, Sachin, Dinesh, Dharm, Anup, Firoj are sitting around a circular table facing towards the centre. Sachin is sitting at an alternate place with respect to Deepak. Dinesh is to the immediate right of Sachin. Dharm can't sit adjacent to Deepak and Anup. Anup is to the immediate right of Deepak. Firoj is at the alternate place to the left of Anup. Who is sitting opposite of Deepak?
    (SBI Clerk Mains-2023)
    (a) Dinesh   (b) Sachin
    (c) Dharm   (d) Firoj
    (e) Anup

DIRECTIONS (Qs. 12-16): *Study the given information carefully and answer the following questions.*
(SBI Clerk Mains-2023)

Nine people Z, Y, X, W, V, U, T, S and Q are living on the different floors of a hotel not necessarily in the same order such that four floors remains vacant. Ground floor is numbered one, first floor is numbered two and so on.
Top and bottom floor of the hotel are Vacant. There are four floors between Z and T. Z lives above T. Two persons live between the floors on which S and W live. Z lives immediate below S. T is not living in odd number floor. T lives immediately above Vacant floor. Number of floors between the floors on which X and Q live is same as the number of floors between the ones on which T and Y live. X lives in one of the floor above Q and T. W lives immediately below vacant floor. No two vacant floor are immediate next to each other. At most three floor are there in between two vacant floor. Difference between Floor in which U and V lives is prime number with U lives above V.

12. Who lives immediately two floor below one of the vacant floor?
    (a) U   (b) V   (c) T   (d) Y
    (e) W

13. How many persons live between Z and T?
    (a) Three   (b) One   (c) Four   (d) Six
    (e) Five

14. How many floor are there in between Y and W?
    (a) 2   (b) 3   (c) 4   (d) 1
    (e) 5

15. Which floors are vacant?
    (a) 6, 2   (b) 2, 4   (c) 5, 1   (d) 6, 3
    (e) 2, 5

16. Four among the five are the same and thus forms a group. Who among the following does not belong to that group?
    (a) S   (b) X   (c) T   (d) V
    (e) Z

DIRECTIONS (Qs. 17-21): *Study the following information carefully and answer the questions given below:*
(SBI PO Prelim-2023)

A group of 10 friends go on a trip for 2 days. They stay on different floors in the same building. The building has ten floors ground floor is numbered 1 and the topmost floor is numbered 10.
Nila lives on an even number floor above the sixth floor. Only two persons live between Nila and Achyuta. Only three floors are there between Achyuta and Janita who does not live on the ninth floor. More than four floors between Janita and Balraj who lives below Nila. Only three persons live between Balraj and Hansika. The number of floors between Nila and Hansika same as the number of floors between Janita and Farid. Geet lives on the prime number floor. Geet lives below Drisana and above Ella. Candy does not live on the sixth floor.

17. Which of the following is true with respect to Candy as per the given information?
    (a) Nila lives immediately below Candy.
    (b) Candy lives immediately below Drisana.
    (c) Candy lives on floor number 9.
    (d) Two floors are there between Candy and Drisana
    (e) Candy lives on an even-numbered floor.

18. Who lives on the floor immediately above Drisana?
    (a) No one   (b) Achyuta
    (c) Hansika   (d) Janita
    (e) Geet

19. Who among the following lives on floor number 6?
    (a) Farid   (b) Ella
    (c) Drisana   (d) Geet
    (e) Cannot be determined

20. How many persons live between the floors of Geet and Balraj?
    (a) Four   (b) Seven
    (c) Five   (d) Six
    (e) None of the above

21. Who amongst the following live on the floors exactly between Farid and Hansika?
    (a) Achyuta and Candy   (b) Ella and Achyuta
    (c) Ella and Drisana   (d) Drisana and Achyuta
    (e) Candy and Ella

DIRECTIONS (Qs. 22-26): *Study the following information carefully and answer the questions given below:*
(SBI PO Prelim-2023)

Six persons - Putin, sandra, Norika, Ruud, Victor and Jackie visited different countries- USA, Germany, Japan, Netherlands, France, and China. They attended a meeting on two different dates either 11 or 22 of three different months - September, October and November of the same year. All the information is not necessarily in the same order.
Putin attended two persons before the one who visited Japan. At least three persons attended after Putin. Only two persons attended between Putin and Ruud. The number of persons who attended before Ruud is the same as the number of persons who attended the meeting after the one who visited USA. Jackie attended immediately after the one who visited China. Jackie neither visited Germany nor the Netherlands. Norika attended

on an odd number date but after Putin. Victor neither visited USA nor Germany. Sandra attended immediately before the one who visited France.

22. Who among the following person attended the meeting on September 22?
    (a) Sandra
    (b) The one who visited China
    (c) The one who visited France
    (d) Jackie
    (e) Norika
23. Which of the following statement to is/are correct?
    (a) Putin attended two persons before Jackie
    (b) Only two persons attended between Sandra and Jackie.
    (c) No one attended after Norika.
    (d) Both (a) and (b)
    (e) Both (b) and (c)
24. In which of the following countries did Norika visit?
    (a) Japan   (b) U.S.A
    (c) France   (d) Netherlands
    (e) Germany
25. How many persons attended before the one who visited China?
    (a) Two   (b) Three
    (c) Four   (d) One
    (e) None
26. Which of the following Month and Date did Ruud attend the meeting?
    (a) October 11   (b) September 22
    (c) September 11   (d) November 11
    (e) November 22

DIRECTIONS (Qs. 27-31): *Study the following information carefully and answer the questions given below*
                                        (SBI PO Prelim-2023)

Six friends viz . Arka, Banty, Chitra, Dutee, Ellyse and Famke are sitting around a circular table facing towards the center. All of them like different colours are Red, Blue, Green, Yellow, White and Black. All the information is not necessarily in the same order.
Only one persons sits between the one who likes Black and Yellow colours. The one who likes White doesn't sit adjacent to the one who likes Red. Ellyse sits facing towards Dutee. Who likes Blue. Banty sits second to the right of Chitra who likes Red. The one who likes Blue doesn't sit adjacent to the one who likes Black. Neither Banty nor Ellyse likes White. The person who likes Black sits immediately right of the one who sits opposite to Famke.

27. Four of the following five ate alike in a certain way and hence form a group. Which of the following one that does not belong to that group?
    (a) Banty - Black   (b) Arka - Blue
    (c) Famke - Yellow   (d) Ellyse - Red
    (e) Dutee - White
28. Who among the following person sits third to the right of the one who likes Red Colour.
    (a) The one who likes White
    (b) The one who likes Yellow.
    (c) Famke

(d) Both (a) and (b)
(e) Both (a) and (c)
29. Which of the following statement/s is/are not true with respect to the final arrangement?
    (a) Arka sits second to the right of the one who likes White colour.
    (b) The one who likes Red sits to the immediate left of the one who likes Black colour.
    (c) The one who likes Blue sits second to the left of Chitra.
    (d) The one who likes Yellow sits facing towards Ellyse.
    (e) All are true.
30. What is the position of Banty with respect to the one who likes White colour.
    (a) Third to the right   (b) Immediate left
    (c) Second to the left   (d) Third to the left
    (e) Immediate right
31. Who among the following person likes Yellow colour?
    (a) Famke
    (b) The one who sits to the immediate left of Dutee
    (c) Arka
    (d) Both (a) and (b)
    (e) Both (b) and (c)

DIRECTIONS (Qs. 32-36): *Study the following information and answer the following question.*   **(SBI PO Prelim-2023)**

Eight person named Ali, Bali, Kmhali, Juli, Neha, Rupa, Dipa and Usha are sitting in a row. Some of them are facing north and some of them are facing south direction. Not more than two persons sitting next to each other are facing the same direction. Ali sits 2nd to the right of Bali. Bali and Rupa face the same direction. The number of persons sitting to the right of Khali is the same as the left of Juli. Neha faces north. Usha sits 4th to the right of Rupa and both of them are facing opposite directions. Dipa sits 3rd to the left of Usha. Juli sits 2nd to the right of Dipa. Both the immediate neighbours of Juli face opposite directions.

32. Who sits second to the left of Neha?
    (a) Dipa
    (b) The person who sits 2nd to the right of Bali.
    (c) Juli
    (d) Rupa
    (e) The person who sits 2nd to the left of Khali.
33. How many persons are facing South?
    (a) One   (b) Two
    (c) Three   (d) Four
    (e) Five
34. How many persons are sitting between Bali and Dipa?
    (a) Six   (b) Five
    (c) Four   (d) Three
    (e) Two
35. The number of persons sitting between Khali and Ali is/ are two less than between _____.
    (a) Rupa and Khali   (b) Bali and Juli
    (c) Dipa and Usha   (d) Juli and Neha
    (e) Khali and Dipa

36. Which of the following is false?
    (a) The person sitting between Rupa and Khali is facing the same direction as Rupa.
    (b) The person sitting between Bali and Ali is facing the same direction as Ali.
    (c) The person sitting between Juli and Ali is facing the same direction as Juli.
    (d) The person sitting between Usha and Neha is facing the same direction as Usha.
    (e) The person sitting between Juli and Dipa is facing the same direction as Dipa.

DIRECTIONS (Qs. 37-41): *Read the given information carefully and answer the questions based on it:*
                                                        (SBI PO Main-2023)

Five spouses sit in two parallel rows in such a way that five persons sit in each row. All the females sit in row 1 and face south while all the males sit in row 2 and face north. The persons of both rows face each other. The persons of row 1 likes different fruits and the persons of row 2 likes different flower. The fruits are Banana, Kiwi, Grapes, Lime, Guava. The flowers are Lotus, Cosmos, Marigold, Lavender, Sunflower. The persons are P, Q, R, S, T, U, V, W , X and Y. The information of fruits, flowers and persons is not used in the same sequence as given.

Note: Spouses do not face each other. (Ex.- If A and B are spouse, then A and B do not face each other).

The one who likes Lime faces R's husband who sits just left of S. W does not sit at any end. Two persons sit between Q and V's wife. The one who likes Marigold sits just right of P's husband. Y's husband sits second to the right of the one who likes Sunflower. X faces the one who likes Cosmos and sits just left of the one who likes Guava. One person sits between Y and the one who faces the one who likes Lavender. Q sits just left of the one who likes Kiwi. The number of persons sit to the right of the one who likes Guava is same as the number of persons sit to the left of the one who likes Banana. V is not Y's husband. One person sits between S and T who is neither Y's husband nor sits at any end of the row. No person sits between the one who likes Kiwi and the one who faces Y's husband. U doesn't sit adjacent to V. X's husband doesn't like Lotus.

37. Who among the following is the wife of W ?
    (a) P   (b) S   (c) R   (d) X
    (e) V

38. U's wife likes which of the following fruit?
    (a) Lime   (b) Grapes
    (c) Guava   (d) Kiwi
    (e) Banana

39. What is the position of T with respect to the one who likes Lotus?
    (a) 2nd right   (b) 2nd left
    (c) 3rd left   (d) 3rd right
    (e) Immediate left

40. The person who faces S's wife likes which of the following flower?
    (a) Marigold   (b) Lavender
    (c) Lotus   (d) Sunflower
    (e) Cosmos

41. Who among the following sits at exactly middle of row 1?
    (a) T   (b) X   (c) Y   (d) U
    (e) R

DIRECTIONS (Qs. 42-46): *Study the following information carefully and answer the questions given below-*
                                                        (SBI PO Main-2023)

Ten persons attend the seminar in two different months i.e., April and May in consecutive two weeks. Each month has one week. First week start from Monday to Sunday.

Note: H attends the seminar on double digit odd prime numbered date in the given month. No two adjacent days are vacant.

J attends the seminar two days before H. One person attends the seminar between H and A who attends the seminar in the month having odd number of days. A and I attend the seminar on the same day. B attends the seminar after I and before J on an even numbered date. As many persons attend the seminar between B and J as between A and D. D attends the seminar on an even numbered date. G attends the seminar three days after D. D attends after A. No one attends the seminar between G and C who attends the seminar on an odd numbered date. As many persons attend the seminar after C as before I. E attends the seminar in the month having maximum number of days but not on same day as J. F attends before H but not on same day as D.

42. How many persons attend the seminar between F and A?
    (a) One   (b) Two
    (c) Three   (d) Four
    (e) More than four

43. Which among the following pair of persons attend the seminar on same day?
    (a) BD   (b) JG   (c) HC   (d) FG
    (e) HE

44. Four of the following five are alike in a certain way and form a group. Who among the following person does not belong to the group?
    (a) I   (b) F   (c) D   (d) G
    (e) B

45. On which among the following date and month F attends the seminar?
    (a) 3rd May   (b) 28th April
    (c) 04th May   (d) 26th April
    (e) None of these

46. Which among the following statement(s) is/are true?
    (a) One person attends the seminar between G and E.
    (b) D attends seminar on 30th April.
    (c) C attends the seminar on Sunday.
    (d) No one attends the seminar on 5th May.
    (e) All are true.

DIRECTIONS (Qs. 47-51): *Study the following information carefully and answer the question given below.*
                                                        (SBI PO Main-2023)

P, Q, R, S, T, U, V and W are eight employees who are working in the same publication company on different designations - Content writer, Social Media Specialist (SMS), Senior Executive (SE), Chief Content Executive (CCE), Assistant Content Manager (ACM), General Content Manager (GCM), Creative Director and Chief Editor Officer (CEO). (Designations are in

increasing order of experience. Content writer being the least experienced person whilst the CEO being the most experienced person). Each employee also likes different clothing brands - Adidas, HRx, H&M, Puma, Raymond, Levi's, Black and Nike, but not necessarily in the same order.

U works as a General Content Manager but is less experienced than R who likes Puma brand. T either likes Levi's or H&M brand. W doesn't not work as a Social Media Specialist but likes HRx brand. P neither likes Mufti nor Adidas brand. V works as a Senior Executive but neither likes H&M nor Adidas brand. The one who likes Mufti brand works as a Content writer. Q is more experienced than V but less experienced than U. P is more experienced than Q but less experienced than R. The one who works as a Social Media Specialist doesn't like H&M brand. The one who likes Nike brand is more experienced than P. W is not the most experienced person.

47. What is the designation of W in the company?
    (a) Content Writer
    (b) Chief Content Executive
    (c) Assistant Content Manager
    (d) Creative Director
    (e) Chief Editor Officer

48. Q likes which brands?
    (a) Raymond   (b) Adidas
    (c) H & M   (d) Nike
    (e) Mufti

49. Who among the following likes the Nike brand?
    (a) Q
    (b) U
    (c) V
    (d) The employee who work as a Creative Director
    (e) The employee who work as a Chief Content Executive

50. Who among the following is the least experienced employee?
    (a) Q   (b) S   (c) T   (d) V
    (e) W

51. Who among the following is the Chief Editor Officer?
    (a) Q   (b) S   (c) T   (d) V
    (e) R

DIRECTIONS (Qs. 52-56): *Study the following information and answer the questions given below.* **(SBI PO Main-2023)**

Sixteen persons are sitting around two circular tables as one is inscribed in another one. All of them are facing towards the center. Eight persons i.e. I, J, K, L, M, N, O, and P are sitting around the inner circular table. Eight persons i.e. A, B, C, D, E, F, G, and H are sitting around the outer circular table.

Note: The persons of outer circular table are sitting exactly behind the persons sitting around the inner circular table. The persons of inner circular table are sitting exactly ahead the persons sitting around the outer circular table.

P sits 3rd to the right of the one who sits ahead of E. D is not an immediate neighbour of B. F sits second to the left of E. M is not an immediate neighbour of O. I sits neither ahead of E nor F. C sits 2nd to the left of D. I and K are immediate neighbours of L. G sits immediate right of E. J sits immediate right of the person, who sits ahead of F. H sits behind of O. B sit 2nd to the right of H.

52. Who sits 5th to the right of the one who is behind M?
    (a) D   (b) C   (c) F   (d) E
    (e) G

53. Who among the following seated opposite to N in same circle?
    (a) K   (b) M   (c) O   (d) I
    (e) L

54. How many people are seated between the person who is immediate left of the person who faces L and E (in clock wise direction from E)?
    (a) 2   (b) 4   (c) 5   (d) 6
    (e) 3

55. Which of the following person behind the person who sit 4th to the left of K?
    (a) E   (b) H   (c) G   (d) A
    (e) B

56. The person who is ahead of A is between which of the following persons?
    (a) I, M   (b) B, H   (c) L, K   (d) O, I
    (e) M, N

DIRECTIONS (Qs. 57-61): *Study the following information carefully and answer the given questions.*
(RRB Office Asst. Prelim-2023)

Six boxes viz., P, Q, R, S, T and U are kept one above another in a stack. No other boxes are kept in the stack other than the given boxes. Only three boxes kept between P and Q. R is kept immediately below Q. Only one box is kept between U and R, which is kept below U. As many boxes kept above U as below S.

57. Which of the following box is kept three boxes below T?
    (a) U   (b) R   (c) P   (d) Q
    (e) S

58. How many boxes are kept between S and R?
    (a) One   (b) Two   (c) Three   (d) Four
    (e) None

59. As many boxes kept between S and ___ as between P and ___respectively.
    (a) Q, T   (b) Q, U   (c) P, Q   (d) U, T
    (e) R, S

60. Which of the following statements is/ are NOT TRUE as per the given arrangement?
    (a) Only one box is kept above P
    (b) Odd number of boxes are kept between U and R
    (c) Box U is kept two boxes below box T
    (d) Both (a) and (b)
    (e) Bothe (b) and (c)

61. What is the position of box U?
    (a) First from the top   (b) Third from the top
    (c) First from the bottom   (d) Fifth from the bottom
    (e) Fourth from the top

DIRECTIONS (Qs. 62-65): *Study the following information carefully and answer the given questions.*
(RRB Office Asst. Prelim-2023)

A certain number of persons are sitting in a linear row and facing north with equal distance between adjacent persons.

Only three persons sit between P and Q. Q sits second to the right of R. Only one person sits between S and P. Only four persons sit to the right of S. V sits third to the left of Q. U sits fifth to the rigfht of V. As many persons sit to the right of S as to the left of T, who sits immediate right of R.

62. How many persons sit between T and S?
     (a) Two   (b) Three   (c) six   (d) One
     (e) No one
63. How many persons are sitting in the row?
     (a) 16   (b) 20   (c) 23   (d) 18
     (e) 12
64. Who among the following person sits third from one of the extreme ends of the row?
     (a) R   (b) V   (c) T   (d) S
     (e) P
65. What is the position of T with respect to V?
     (a) Second to the left   (b) Third to the right
     (c) Second to the right   (d) Fourth to the right
     (e) Third to the left

DIRECTIONS (Qs. 66-70): *Study the following information carefully and answer the given questions.*
(RRB Office Asst. Prelim-2023)

Seven persons - T, U, V, W, X, Y and Z are working in the Disha Publication at different designations such as Chief editor officer (CEO), project head (PH), content project manager (CPM), System admin (SA), LSP, SE and PR.

Note: The designations are given in decreasing order such that CEO is the seniormost and PR is the juniormost designation.

T is senior to SA. V is immediately senior to T. As many persons senior to V as junior to Z. Y is immediately senior to W, who is not SE. X is senior to U but junior to W.

66. Who among the following person is designated three persons senor to U?
     (a) V   (b) Y   (c) T   (d) W
     (e) Z
67. How many persons are designated between X and V?
     (a) One   (b) Two
     (c) Three   (d) More than three
     (e) No one
68. What is the position of Z with respect to T?
     (a) Five persons senior   (b) Three persons junior
     (c) Three persons senior   (d) Five persons junior
     (e) Two persons senior
69. As many persons designated between Y and ___as junior to ____ respectively
     (a) E,G   (b) C,B   (c) A,E   (d) B,A
     (e) G,C
70. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
     (a) VW   (b) UY   (c) TX   (d) WZ
     (e) ZU

DIRECTIONS (Qs. 71-75): *Study the following information carefully and answer the given questions.*
(RRB Office Asst. Prelim-2023)

Eight persons- J K L M N O P and Q are sitting around a square table in such a way that four of them are sitting at the corners and facing away from the centre while four of them are sitting in the middle of the sides of the table and facing towards the centre. Two persons sit between K and J, who sits in the middle of the sides of the table. M sits immediate left of K. Q is an immediate neighbour of M. Only three persons sit between Q and N. O sits immediate right of N. P and N are not immediate neighbours.

71. How many persons sit between L and P, when counted from the left of P?
     (a) Two   (b) One   (c) Three   (d) Four
     (e) No one
72. What is the position of N with respect to K?
     (a) Third to the right
     (b) Second to the left
     (c) Fourth to the right
     (d) Second to the right
     (e) Immediate left
73. Which of the following statement(s) is/are TRUE as per the given arrangement?
     (a) Two persons sit between N and J when counted from the left of J
     (b) Both P and Q are immediate neighbours
     (c) N doesn't sit at the corner of the table
     (d) N sits immediate left of L
     (e) All the statements are true
74. Who among the following person sits third to the right of Q
     (a) P   (b) J   (c) L   (d) N
     (e) M
75. Which of the following pair of persons sit immediate right of each other?
     (a) LM   (b) QJ   (c) OM   (d) KO
     (e) JP

DIRECTIONS (Qs. 76-80) *Study the following information carefully and answer the questions given below:*
(RRB Office Asst. Main-2023

Seven friends-Virat, Rahul, Sachin, Kapil, Saina, Sania and Mithali have planned a solo trip but not necessarily in the same order, on seven different months of the same year i.e. March, April, May, June, July, August and September. Each of them goes from a different Cars i.e. Honda, Toyota, Nissan, Audi, BMW, Nexon and Swift but not necessarily in the same order.

Virat goes on the trip in a month which has less than 31 days. Only two friends go on the trip between Virat and Sachin. The one who goes from Toyota has a trip immediately before Saina. Only one friend goes on a trip before the one who goes from Honda. Sania goes on a trip immediately after the one who goes from Honda. Only three friends go on the trip between Sania and the one who goes from Nexon. Saina goes neither from Nexon nor from Honda. Kapil goes on the trip immediately before Saina. Mithali goes from Audi. The one who goes from Nissan has trip in the month, which has less than 31 days. The one who has a trip in May does not go from Swift.

76. Who goes on the trip in April month?
     (a) Virat   (b) Rahul   (c) Mithali   (d) Kapil
     (e) Either Virat or Mithali

77. Who goes on a trip three months before the one who goes on a trip from Toyota Car?
   (a) Mithali   (b) Virat   (c) Rahul   (d) Sania
   (e) None of the above

78. How many friends go between the one who goes from Nexon and Sania?
   (a) 4   (b) 2   (c) 3   (d) none
   (e) 5

79. Virat goes on a trip from which Car?
   (a) Toyota (b) Swift   (c) Nexon   (d) Nissan
   (e) Can not determined

80. Four of the five are alike in a certain way as per the given arrangement and thus form a group. Find the one who does not belong to the group?
   (a) Mithali (b) Rahul   (c) Sania   (d) Kapil
   (e) Saina

DIRECTIONS (Qs. 81-85): *Study the following information carefully and answer the given questions.*

Six friends A, B, C, D, E and F are living in a three-storey building such that ground floor is numbered as 1, above it is floor 2 then top floor is numbered as 3. Each of the floor has 2 flats in it as Flat-Park View and Flat-River View. Flat-Park View of floor-2 is immediately above Flat-Park View of floor-1 and immediately below Flat-Park View of floor-3. In the same way Flat - River View of floor-2 is immediately above Flat-River View of floor-l and immediately below Flat-River View of floor-3. Flat-Park View is in west of Flat-River View. They all are from different cities. The one who is from Indore lives immediately above F in the same flat. D lives to the west of F. A and the one who is from Indore do not live on the same floor. Neither D nor B is from Patna. F is either from Raipur or from Ranchi. There is one floor between B and the one who is from Chennai who lives above B. E does not live in Flat River View. The one who is from Goa lives on the same floor on which the one who is from Ranchi lives. A lives on an odd numbered floor in Flat Park View.

81. Which of the following does not belong to the group?
   (a) E   (b) A   (c) C   (d) D
   (e) B

82. Who among the following lives to the east of E?
   (a) The one who is from Ranchi
   (b) F
   (c) C
   (d) The one who is from Raipur
   (e) No one

83. Who lives on the bottom most floor?
   (a) The one who is from Raipur
   (b) F   (c) A   (d) D
   (e) Both (a) and (c)

84. Which of the following combination is the correct?
   (a) E - Goa   (b) B - Chennai
   (c) B - Patna   (d) D - Goa
   (e) C - Ranchi

85. Who among the following lives in Flat River View?
   (a) A   (b) E   (c) D   (d) B
   (e) The one who lives in Patna

DIRECTIONS (Qs. 86-90): *Study the following information carefully and answer the questions given below it..*

Ten boxes are stacked one above another in a stationary shop and each box contains different products viz. pen, pencil, book, note, ink, chart, eraser, stickers, crayons and Bag not necessarily in the same order. The box at the bottom is numbered one and so on. Eraser is kept at even numbered position above position four. Number of boxes between eraser and pen is same as that of the note and stickers. Pencil box is kept at position four. Ink is not kept at position two. One box is kept between eraser and chart. Two boxes are kept between pencil and book, and book is not kept at the position seven. Bag is kept above ink. Bag is not kept above chart. Sticker is immediately below pencil. Two boxes are between eraser and note. Pen is kept below eraser.

86. Four of the following five are related to each other thus forms a group. Find the one which does not belongs to the group?
   (a) Eraser   (b) Pen
   (c) Pencil   (d) None of these
   (e) Crayons

87. How many boxes are there between crayons and pen?
   (a) Four   (b) Three   (c) Five   (d) Two
   (e) None of these

88. The box which is placed at position 5 contains which of the following product?
   (a) Ink   (b) Note   (c) Pen   (d) Crayons
   (e) Bag

89. Which of the following box is placed immediately above Bag?
   (a) Stickers (b) Eraser   (c) Chart   (d) Book
   (e) Ink

90. Box at which of the following position contains Book?
   (a) Position 5   (b) Position 1
   (c) Position 10   (d) Position 8
   (e) None of these

DIRECTIONS (Qs. 91-95): *Read the following information carefully and answer the questions.*

Nine persons- Santosh, Seema, Shashi, Shyam, Sonal, Suresh, Shambhu, Swati and Shikha are working in a Bank. All are posted on different designations namely Managing director (MD), Executive Director (ED), Chief General Manager (CGM), Deputy General Manager (DGM), Assistant General Manager (AGM), Chief Manager, Senior Manager, Manager and Clerk. Managing director being the senior most position and Clerk being the lowest position respectively. No person or designation other than the one mentioned in the passage will be taken into consideration.

Shashi who is not at the senior most nor at the junior most position has his designation higher than DGM. Shambhu who is working as an Manager is exactly between Sonal and Shyam. Three designations are there between ED and Santosh. Three designations are there between Seema and the one who is AGM. The person who is ED is three posts above Shikha. Sonal is at one of the positions senior to Shyam. Swati is not ED of the company and neither immediately junior to him. Suresh is senior to the one who is designated as CGM.

91. How many persons are designated between the one who is AGM and Shyam?
    (a) Two   (b) Four   (c) Three   (d) Five
    (e) One

92. The position of how many people will remain unchanged if all are made to sit in an alphatical order as in dictionary starting from MD?
    (a) One   (b) None   (c) Two   (d) Three
    (e) Four

93. If we interchange the position of the one who is CGM and Senior Manager. Then how many persons are there between Swati and Shashi
    (a) Zero   (b) Three   (c) Two   (d) Four
    (e) One

94. Who among the following is the immediate senior to the one who is four positions senior to Shyam?
    (a) Swati   (b) Suresh   (c) Shikha   (d) Shashi
    (e) Both Swati and Suresh

95. Who sits exactly between the one who is Clerk and Shashi?
    (a) Shikha   (b) Sonal
    (c) DGM   (d) Senior Manager
    (e) Santosh

DIRECTIONS (Qs. 96-100): *Study the following information carefully and answer the Questions based on it:*
(RRB Office Asst. Main-2023

There are eight persons - Arka, Billu, Chahal, Darek, Ella, Falak, Gohar and Hina sitting around a circular table, not necessarily in the same order. Four of them are facing inward, while the other four are facing outward. No two persons sitting adjacent to each other are facing the same direction (i.e., if one person is facing inside, the person sitting next to them will be facing outside, and vice versa).Billu sits third to the right of Arka and is facing outside. Three people are sitting between Billu and Chahal. Darek sits second to the right of Billu. Ella sits third to the left of Darek. Hina is sitting exactly opposite to Gohar, who is not the immediate neighbor of either Falak or Chahal. Falak is not facing inside.

96. Who is sitting to the immediate right of Gohar?
    (a) Darek   (b) Billu   (c) Arka   (d) Chahal
    (e) Hina

97. How many people are sitting between Ella and Gohar counting from right of Gohar?
    (a) Zero   (b) Two   (c) One   (d) Five
    (e) Six

98. Which of the following statement is Correct?
    (a) Gohar and Falak faces in same direction
    (b) Darek and Hina faces in opposite direction
    (c) Ella and Billu faces in same direction
    (d) Darek and Falak faces in opposite direction
    (e) None of the given statement is Correct

99. Who is sitting third to the right of Chahal?
    (a) Ella   (b) Falak   (c) Hina   (d) Gohar
    (e) Darek

100. If you arrange the persons in alphabetical order starting from Arka in clockwise direction, who will be sitting fifth to the right of Billu?

(a) Darek   (b) Chahal   (c) Gohal   (d) Hina
(e) Arka

DIRECTIONS (Q. 101): *Study the following information and answer the given questions.* **(RRB Office Asst. Main-2023**

An uncertain number of person are standing in a row facing south. Geeta stands at one of the end of a row. As many person standing between Radha and Sanket as between Sagar and Radha. Eight person standing between Sagar and Bhanu. Only one person stands between Geeta and Sagar. Bhanu is standing third from one of the end of the row. Akash is sitting fifth to the right of Radha. More than six person standing between Geeta and Sanket. Not more than five person are standing between Bhanu and Akash.

101. What is the position of a Radha with respect to sagar
    (a) Third to the left   (b) Immediate left
    (c) Immediate right   (d) Third to the right
    (e) Second to the right

DIRECTIONS (Qs. 102-106): *Study the following information carefully and answer the given quesdtions.*
(RRB Officer Scale-I Prelim-2023)

Ten person Q, R, S, T, U,V, W, X, Y and Z are sitting in a linear raw facing north but not neccessarily in the same order. T is at any extreme end. W is sitting third to the left of the one who is sitting 5th from the extreme end. The number of the person sitting to the left of S is two less than the number of person sitting between S and Q. The number of person sitting between Z and V is three more than the number of person sitting to the left of Z, R and S are not at any extreme end. Two person sitting between W and X. Z is sitting immediate right to W. Z and Q are not immediate neighbours. R is sitting to the right of Y. More than two person sit between S and U.

102. What is the position of R with respect to S?
    (a) Third to the right   (b) Third to the left
    (c) Second to the right   (d) Second to the left
    (e) Fifth to the right

103. Who sits exactly between W and Y?
    (a) T   (b) W   (c) Z   (d) S
    (e) X

104. Which of the following is odd?
    (a) TWS   (b) WZX   (b) ZSY   (c) XYR
    (e) YRV

105. Who is sitting to the immediate left of Q?
    (a) Z   (b) X   (c) R   (d) V
    (e) T

106. IF T and Z, U and Q interchange their position then how many persons are sitting between Z and U?
    (a) five   (b) seven   (c) eight   (d) nine
    (e) one

DIRECTIONS (Qs. 107-111): *Study the following information carefully and answer the given quesdtions.*
(RRB Officer Scale-I Prelim-2023)

6 people M, N, O, P, Q and R are sitting in one above another but not necessarily in the same order. Each like different fruits Apple, Orange, Mango, Banana, Grapes and Kiwi. One person between O and the one who likes Apple 2 people sit between

Apple and Mango lives below Apple. Three people sit between Q and the one who likes grapes. P does not like banana M lives immediately above the one who likes Orange. P lives below the one who likes orange but not immediately below. M does not like Apple or Mango R is not sitting at top. The person who like Kiwi and the one who grapes are not adjacent to each other. More than one person sit between the one who like kiwi annd the one who like Orange.

107. Who is above, the person who likes Mango?
    (a) N   (b) Q   (c) M   (d) O
    (e) R

108. How many persons sit between the one who likes kiwi and the one who likes grapes?
    (a) five   (b) four   (c) three   (d) two
    (e) one

109. Which of the following is true according to the given arrangement?
    (a) N likes Apple fruit   (b) M likes grapes fruit
    (c) P likes Kiwi fruit   (d) R likes banana fruit
    (e) O likes Orange fruit

110. If N is related to 'Apple', Q is related to 'Banana', in the same way R is related to?
    (a) Kiwi   (b) Orange   (c) Mango   (d) Grapes
    (e) Nane of these

111. If persons are arranged in alphabatical order from bottom to top, how many persons will remain of same position?
    (a) one   (b) two   (c) three   (d) four
    (e) five

DIRECTIONS (Qs. 112-116): *Study the following information carefully and answer the given quesdtions.*

(RRB Officer Scale-I Prelim-2023)

There are Eight employees A, B, C, D, E, F, G and H of a company and all of them work on Eight different designations in a company viz CEO, Vice president, General manager, Associate GM, Director, Manager, Associate Manager, Project Manager. All the designations given are to be considered in a given order as CEO is considered as Senior most and Project Manager considered as the Junior most. C is Manager. B is Junior to C. The number of person designated above E is same as the number person designated below F. E is designated above F. E is not Associate GM. A is immediate senior to D. G is not the senior most. There is three person between H and G.

112. Who among the following employees is the associate manager of the company?
    (a) The one who is immediately senior to B
    (b) G
    (c) The one who is immediately junior to G
    (d) D
    (e) The one who is two persons senior to D

113. How many persons are designated between E and C?
    (a) two   (b) three   (c) four   (d) five
    (e) none of these

114. Four of the following five are alike in certain way as per the given arrangement and hence form a group. find the one who doesn't belong to that group.

(a) HD   (b) AC   (c) GB   (d) BA
(e) CH

115. As many persons senior to D is same as junior to _____.
    (a) G   (b) The person who is manager
    (c) E   (d) A
    (e) none of these

116. What is the position of B with respect to F?
    (a) Two persons junior   (b) Immediate senior
    (c) Three persons senior (d) Immediate junior
    (e) None of these

DIRECTIONS (Qs. 117-121): *Study the following information carefully and answer the given quesdtions.*

(RRB Officer Scale-I Prelim-2023)

8 person S, T, U, V, W, X, Y and Z are sitting around a circular table. Some are facing inside and some are facing outside. The number of person facing inside is more than the number of person facing outside. S sits 2nd of the left of U. Three person sitting between V and S. Both the immediate neighbours of O facing opposite direction to each other. I here are 3 person between W and X. Y is facing inside. One person sitting between T and V. W is not an immediate neighbour of S. Y is sitting between U and V. W and Z are facing same direction. X and U are sitting left to each other. T and U are facing opposite direction to each othe.

117. Which of the following are two pairs of adjacent members?
    (a) ZS and WV   (b) XW and TU
    (c) SV and ZY   (d) XY and ST
    (e) None of these

118. What is the position of X?
    (a) Fourth to the left of W
    (b) Third to the left of Y
    (c) Third to the right of Y
    (d) Second to the left of T
    (e) None of these

119. Who is sitting to the immediate sits second to the right of Y?
    (a) S   (b) Z   (c) T   (d) W
    (e) V

120. Who among the following sits second to the right of V?
    (a) Y   (b) U   (c) X   (d) S
    (e) None of these

121. If Z and V interchange places and so do U and S, then
    (RRB Officer Scale-I Prelim-2023)
    (a) T and X are adjacent to U
    (b) W and Y are adjacent to Z
    (c) U is not sitting opposite to Z
    (d) S is not sitting opposite to T
    (e) None of these

DIRECTIONS (Qs. 122-126): *Study the following information carefully and answer the given quesdtions.*

(RRB Officer Scale-I Prelim-2023)

Nine people M, N, O, P, Q, R, S, T and U have their joining in a particular company in different month i.e. January, February, May, June, July, September, October, November and December of the same year but not neccessarily in the same order. P has

the joining before June. but not in the month which has more than 30 days. Four people have the joining between U and P. Q has joining after U. Three people have the joining betwen Q and M. Two people have the joining between M and R. Two people have the joining between N and O both have the joining before Q. O has the joining after M. S has the joining before T. T does not have joined in the month of 31 days.

122. There are as many persons who joined the company before N as after _____?
    (a) S   (b) N   (c) U   (d) O
    (e) None of these

123. Four of the following five are a like in certain way and hence form a group. find the one which does not belong to that group?
    (a) S   (b) N   (c) T   (d) M
    (e) U

124. How many persons joined between P and U?
    (a) one   (b) two   (c) three   (d) four
    (e) five

125. If S is related to June, N is related to September then. O is related to which of the following?
    (a) January   (b) October
    (c) November   (d) December
    (e) None of these

126. If P and R interchangee their month of joining company. then on which month R is joining the company?
    (a) January   (b) February
    (c) May   (d) June
    (e) none of these

DIRECTIONS (Qs. 127-131): *Study the following information carefully and answer the questions.*

Eight students A, B, C, D, E, F, G and H are sitting around square table. Four persons are sitting at corners while four are sitting on sides. The persons who are sitting at corners face outside and the persons sitting at the middle of sides face inside. Each of them has different weight i.e. 48, 45, 43, 41, 34, 30, 27, 25. All information is not necessarily in same order. C sits third to the left of A. G sits third to the right of A, whose weight is 25 kg. Two persons sit between F and H, whose weight is 3 kg less than B. D's weight is 2 kg more than A and is to the immediate left of F. H does not sit diagonally opposite to D. B sits third to the right of H, whose weight is 2 kg more than G. B is heaviest. E is heavier than F but lighter than C. The person whose weight is 34 kg does not sit at corner. A does not face the one whose weight is 45 kg.

127. What is the weight of E?
    (a) 45 kg   (b) 48 kg
    (c) 30 kg   (d) 41 kg
    (e) None of these

128. Who among the following sits immediate left of B?
    (a) G   (b) F
    (c) D   (d) C
    (e) None of these

129. What is the weight of H?
    (a) 45 kg   (b) 48 kg
    (c) 30 kg   (d) 41 kg
    (e) None of true

130. Four of the following five are alike in certain way based from a group, find the one that does not belong to that group?
    (a) B   (b) A
    (c) F   (d) E
    (e) G

131. How many students sit between B and D. When counted to the left of D?
    (a) One   (b) Three
    (c) Two   (d) Four
    (e) None

DIRECTIONS (Qs. 132-136): *Study the following information carefully and answer the given questions.*

Seven friends are going to give the presentation in seven different months- January, February, March, April, July, October and December of the same year. Each of them also likes different kinds of fabrics. R gives presentation in a month which has less than 31 days. Only two friends are going to give the presentation |between the month in which R and S. The one who likes Rayon gives presentation immediately before T. Only one friend gives presentation before the one who likes Polyester. Q gives presentation immediately after the one who likes Polyester. Only three friends give presentation between Q and the one who likes Khadi. T likes neither Khadi nor Polyester. P gives presentation immediately before T. V likes Silk. The one who likes Georgette gives presentation in the month, which has less than 31 days. The one who gives presentation in March does not like Cotton. U does not like Chiffon.

132. Who among the following friend likes chiffon?
    (a) S   (b) V   (c) U   (d) Q
    (e) None of these

133. The one who likes georgette gives presentation in which of the following month?
    (a) March   (b) October
    (c) April   (d) July
    (e) None of these

134. The one who gives presentation in October likes which of the following fabric?
    (a) Polyester   (b) Cotton
    (c) Silk   (d) Khadi
    (e) None of these

135. S gives presentation in which of the following month?
    (a) January   (b) March
    (c) December   (d) October
    (e) None of these

136. How many friends give presentation between V and the one who likes kayon?
    (a) Four   (b) One
    (c) Two   (d) Three
    (e) None

DIRECTIONS (Qs. 137-141): *Study the following information carefully and answer the given questions.*

S, T, U, V, W, X, Y and Z are students of class X. They got different position in the class i.e. First, Second and Third. Not more than three students got same position. Each of them secured highest marks in different subject, viz Hindi, Physics,

English, Painting, Mathematics, Chemistry, Biology and Computers, But not necessarily in the same order. T doesn't get second position in the class. W and S got the same position in the class but not as T. U and X got the same position in the class. The students who got the first position in the class do not secured highest marks in Biology and Mathematics. X secured highest marks in Physics. V secured highest marks in Chemistry and got third position only with 2. U does not secured highest marks in Hindi. S secured highest marks in Painting. Y does not secured highest marks in Biology. The one who got third position secured highest marks in English.

137. In which of the following subjects Y secured the highest marks?
    (a) Computers   (b) Mathematics
    (c) English   (d) Physics
    (e) None of these

138. Which of the following groups of students got second position in the class?
    (a) S, W, X   (b) X, U, T
    (c) Y, V, Z   (d) S, W, Y
    (e) None of these

139. V secured highest marks in which of the following subjects?
    (a) Computers   (b) Biology
    (c) English   (d) Physics
    (e) Painting

140. Which of the following combinations is true?
    (a) U - Computers- Second (b) X - Physics - Third
    (c) W - Biology - Second   (d) V - Chemistry -First
    (e) None of these

141. Which of the following statements is true?
    (a) Y secured highest marks in Maths and got second position.
    (b) Z does not secured highest marks in English.
    (c) S got first position and secured highest marks in Painting
    (d) None is true
    (e) All are true

DIRECTIONS (Qs. 142-146): *Study the following information carefully and answer the given questions.*
(RRB Officer Scale-I Mains-2023)

There are twelve seats in a row facing north. A, B, C, D, E, F, G, H, I and J are the ten people sitting in the row and two Seats are vacant. These people like to visit different places namely (Dehradun, Lucknow, Surat, Kochi, Ooty, Goa), Chandigarh, Gangtok, Darjeeling, Guwahati but not necessarily in the same order. The seats on the extreme ends are not vacant. H is sitting fifth to the left of G. The person who likes Chandigarh is sitting fifth to the left of the person who likes Ooty but to the immediate right of the person who likes Gangtok. J is sitting second to the right of C. The person who likes Surat is sitting second to the left of person who likes Lucknow. H is sitting next to D. Three people are sitting between E and A. B is sitting immediate right of I. The seat that is third to the right of the person who likes Goa is vacant. D is sitting second to the left of the person who likes Dehradun. F is sitting sixth to the left of the person who likes Guwahati. G likes either Chandigarh or Darjeeling. E is sitting seventh to the left of the person who likes Goa. Four seats are there between A and the person who likes Dehradun.

142. Who is sitting to the immediate left of the person who likes Lucknow?
    (a) H   (b) G
    (c) E   (d) J
    (e) I

143. What does the person who is sitting at the third seat from the right end likes to visit?
    (a) Dehradun   (b) Lucknow
    (c) Gangtok   (d) Kochi
    (e) Chandigarh

144. Who likes to visit Ooty?
    (a) A   (b) G
    (c) H   (d) E
    (e) D

145. What is the position of the nearest vacant seat from the seat on which the person who likes Lucknow is sitting?
    (a) Second to the right   (b) Fifth to the right
    (c) Third to the left   (d) Second to the left
    (e) Immediate right

146. Who is sitting second to the right of D?
    (a) E   (b) J
    (c) I   (d) B
    (e) H

DIRECTIONS (Qs.147-151): *Study the following information carefully and answer the questions given below:*
(RBI Assist. Prelim-2023)

Eight boxes viz. A, B, C, D, E, F, G and H kept one above another such that the bottommost box is numbered 1 while the box above it is 2, and so on.
Box F is a prime-numbered box but not box 5. The number of boxes above H is equal to the number of boxes below box F. Box number of box D is twice of box number of box G. Box A is just above box F. Box B is two boxes above box E.

147. Which box is just above box D?
    (a) F   (b) B   (c) C   (d) E
    (e) G

148. How many boxes are below box C?
    (a) Five   (b) Three   (c) Two   (d) Seven
    (e) Six

149. Which box is just above box E?
    (a) C   (b) G   (c) H   (d) F
    (e) D

150. Which among the following box is bottommost box?
    (a) A   (b) E
    (c) C   (d) G
    (e) B

151. How many boxes are above box A?
    (a) Five   (b) Two
    (c) Three   (d) Four
    (e) One

DIRECTIONS (Qs. 152-156): *Study the following information carefully and answer the questions given below:*
(RBI Assist. Prelim-2023)

Eight friends J, K, L, M, N, O, P and Q are sitting around a square table in such a way that four of them sit at four corners facing toward the center, and the other four sit at the middle of the sides facing outside.

P does not sit at the corner. M sits second to the left of J who sits third left of P. L sits third to the left of K who is not a neighbour of P. Only two friends sit between O and Q who sits opposite to N.

152. Find the odd one out:
    (a) J   (b) L   (c) N   (d) M
    (e) O

153. What is the position of M with respect to K?
    (a) Fourth to the right   (b) Third to the right
    (c) Fourth to the left   (d) Third to the left
    (e) None of these

154. Who among the following friend faces L?
    (a) J   (b) M   (c) O   (d) P
    (e) None of these

155. How many friends sit between O and J when counted from the right of O?
    (a) Two   (b) One   (c) Three (d) Five
    (e) Four

156. Who among the following friend sits second to the right of N?
    (a) P   (b) K   (c) J   (d) L
    (e) Cannot be determined

DIRECTIONS (Qs. 157-161): *Study the following information carefully and answer the questions given below:*
(RBI Assist. Prelim-2023)

Seven employees have different designations - Chief Executive Officer (CEO), Chief Operating Officer (COO), Chief Financial Officer (CFO), Chief Technology Officer (CTO), Chief Marketing Officer (CMO), Chief Legal Officer (CLO) and Chief Information Officer (CIO) in a company. The order of seniority is the same as given above- (CEO) is the senior-most designation and (CIO) is the junior-most designation.

Three designations are there between S and T. S is not the senior most employee but senior to the employee who is CTO. One employee has a designation between U and V. T is just junior to V. R is senior to V. Q is senior to R but junior to P. U is junior to T.

157. How many employees are designated between V and P?
    (a) Four   (b) One   (c) None   (d) Two
    (e) Three

158. Who among the following employee is immediately senior to U?
    (a) V   (b) P   (c) R   (d) T
    (e) S

159. How many employees are junior to S?
    (a) Four   (b) One   (c) Two   (d) Three
    (e) Five

160. Which among the following is the designation of Q?
    (a) COO   (b) CFO   (c) CTO   (d) CMO
    (e) CEO

161. Who among the following employee is the CTO?
    (a) R   (b) U   (c) Q   (d) V
    (e) None of these

DIRECTIONS (Qs. 162-166): *Study the following information carefully and answer the question given below:*
(RBI Asst. Mains-2023)

Eight persons M, N, O, V, W, X, Y and Z attend seminars on different months of the year viz. March, June, October and November, such that not more than two persons attend their seminars in each of the months. Seminars can be held on either 10th or 27th day of the month. No two seminars can be held on the same day. W and N attend the seminars on the same month. There are three seminars between the seminars of X and O. W does not attend their seminar in November. Z attends his seminar immediately after N. V attends his seminar in the month of November. The number of persons who attend their seminars between the seminars of Y and Z is the same as the number of persons who attend their seminars between the seminars of N and V. X does not attend the seminar on October. W attends his seminar before N.

162. M attends his seminar on which of the following dates?
    (a) 10th October   (b) 27th November
    (c) 10th November   (d) 10th March
    (e) None of these

163. Which of the following persons attends his seminar on 27th March?
    (a) W   (b) N   (c) M   (d) X
    (e) None of these

164. How many persons attend the seminar after W?
    (a) 5   (b) 4   (c) 6   (d) 3
    (e) None of these

165. Who among the following persons attends the seminar on 10th October?
    (a) W   (b) M   (c) V   (d) Z
    (e) None of these

166. How many persons attended seminar after V?
    (a) 5   (b) 4   (c) 7   (d) No one
    (e) None of these

DIRECTIONS (Qs. 167-171): *Study the following information carefully and answer the given questions.*
(RBI Asst. Mains-2023)

Certain friends are sitting in a row facing north. P sits 4th to the right of T. Five persons sit between P and R. U sits at one of the positions left to T. The number of persons sitting between P and N are same as between T and U. B is 2nd from one of the extreme ends. Four persons sit between T and N. No one sits to the right of C, who is immediate right to D. R is 3rd left to D. Not more than two persons sit between B and N.

167. How many friends are sitting in the row?
    (a) 17   (b) 20   (c) 24   (d) 26
    (e) 27

168. How many friends are sitting between T and U?
    (a) seven   (b) six   (c) five   (d) four
    (e) eight

169. What is the position of N from the left end?
    (a) 6th   (b) 5th   (c) 4th   (d) 2nd
    (e) 3rd

170. How many friends are sitting between B and P?
    (a) seven   (b) eleven (c) ten   (d) nine
    (e) eight

171. Which of the following represents the friend sitting at extreme end?
    (a) P   (b) N   (c) R   (d) D
    (e) U

DIRECTIONS (Qs. 172-176): *Study the information carefully and answer the questions given below.*
(RBI Asst. Mains-2023)

There are fifteen people live on different floors in the given three appartments namely, Rax, Max and Fax such that each of the floor of the Appartment is occupied by the given person. Appartment Rax is immediate west of Appartment Max, which is immediate west to Appartment Fax. In the Appartment ground floor is numbered as 1, above it is floor 2 and so on... In the Appartment floor-1 of Appartment Max is immediate east of floor-1 of Appartment Rax but immediate west of floor-1 of Appartment Fax and so on.

Note: A is west to B does not mean A is immediate west to B. Above or below does not mean in the same Appartment.

N lives to the west of L on 3rd floor. M is immediate west to I. K is immediate east to E. A lives on the top floor of the Appartment such that none of the person lives above A in any of the Appartment. The number of floors between J and H is same as between H and I. I lives below J. The one who is either immediate above or immediate below N is immediate left to B. Two persons live between B and M. M lives in the same Appartment as B. B does not live in the same Appartment as J. **Appartment Fax** has more number of floor than **Appartment Max** but less than **Appartment Rax**. H is not in the same Appartment as L. Two persons live between D and C. F live to the west of G. D lives above O, but in the same Appartment. D does not live on the even number floor.

172. How many persons are living above B in the same Appartment?
    (a) Two   (b) One   (c) Three   (d) Four
    (e) None

173. Who among the following lives to the immediate east of F?
    (a) L   (b) J   (c) H   (d) B
    (e) A

174. Which of the following true regarding O?
    (a) Lives in the same Appartment as L
    (b) lives on 2nd floor
    (c) lives to the west of G
    (d) all are true
    (e) none is true

175. On which of the following floor does C live?
    (a) 3rd   (b) 1st   (c) 2nd   (d) 4th
    (e) none of follows

176. Who among the following lives just above N in the same Appartment?
    (a) L   (b) F   (c) H   (d) B
    (e) A

DIRECTIONS (Qs. 177-181): *Study the following information carefully and answer the questions given below:*
(RBI Asst. Mains-2023)

Seven boxes P, Q, R, S, T, U, V are kept one above the other containing different number of chocolates ranging from 10-90. Not more than Four boxes are kept above P. Two boxes are kept between P and the box containing 41 chocolates, which is kept below Box P. S contains thrice number of chocolates than box

Q. Box R contains 50 number of chocolates and is not kept at the top. The number of chocolates in box V is a cube of a number. Only one box is kept between box containing 41 chocolates and 39 chocolates. Box S has less number of chocolates than box P. One of the boxes contain 78 chocolates. Five boxes are kept between box containing 64 chocolates and Box R. Box V is immediately above box T. Box S is not kept immediately above or below box Q. Three boxes are kept between box S and box U. Box S is above box V.

177. Which among the following box/boxes is kept exactly between Box S and Box Q?
    (a) V, T   (b) Q, R   (c) Q, A   (d) U, R
    (e) none of these

178. How many chocolates are kept in box T?
    (a) 50   (b) 13   (c) 78   (d) 41
    (e) none of these

179. Which among the following boxes contains the maximum and minimum number of chocolates respectively?
    (a) V, T   (b) Q, S   (c) R, P   (d) U, Q
    (e) none of these

180. Which of the following combination is not true?
    (a) 50-S   (b) 13-Q   (c) 41-T   (d) 64-P
    (e) none of these

181. Which among the following boxes is kept immediately below box Q?
    (a) V   (b) R   (c) P   (d) U
    (e) none of these

DIRECTIONS (Qs. 182-186): *Study the following information carefully and answer the questions given below.*
(IBPS PO Prelim-2023)

Five boxes of different colours like, Blue, Black, Yellow, White and Red are kept one above another such that the lower most box is numbered 1, the box immediately above is numbered 2, and so on. Each boxes contains different books viz History, Mathematics, Science, English and Sanskrit.

The box having Mathematics book is kept in an even-numbered position but the box is not blue coloured. Two boxes are kept between the one which has mathematics book and Box. White box is kept just below the box which has Sanskrit books. Red box is kept three boxes above the box which has Science book. Black box is kept at an odd-numbered position but doesn't have Sanskrit books. The box which has English book is kept below the box which has History book. Yellow box is kept above white box but not just above.

182. How many boxes are there between the box which has Sanskrit books and White box.
    (a) One   (b) Two   (c) Three   (d) Four
    (e) None

183. Four of the following five are alike in a certain way and hence form a group. Find the one that doesn't belong to that group.
    (a) Blue-Mathematics   (b) White-History
    (c) Black-Mathematics   (d) Red-History
    (e) Yellow-English

184. Which book is kept in Black box?
    (a) Mathematics   (b) English
    (c) History   (d) Sanskrit
    (e) Science

185. Which box is kept at the 4th position?
    (a) The one which has Sanskrit book
    (b) Yellow box
    (c) The one which has Mathematics book
    (d) Red box
    (e) The one which has History book
186. In which position does the box having English books are kept? **(IBPS PO Prelim-2023)**
    (a) Fifth (b) Second (c) Third (d) Fourth
    (e) First

DIRECTIONS (Qs. 187-191): *Read the given information carefully and answer the questions asked below.*
(IBPS PO Prelim-2023)

Eight family members Sarah, Ronald, Allen, Peter, Gayle, Dannis, Larry and Thomas are sitting around a square table in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides. People who are sitting at the corner are facing outside the center while people sitting in the middle are facing the center. Gayle sits second to the right of Thomas. Dannis is sitting opposite to Gayle Sarah is sitting third to the right of Gayle. Three people are sitting between Thomas and Larry. Allen is sitting second to the left of Ronald, who is one of the immediate neighbours of Gayle. Peter is sitting at one of the corners of the square and is facing outside.

187. Who is sitting opposite to Allen?
    (a) Sarah (b) Ronald (c) Peter (d) Dannis
    (e) Gayle

188. Who is sitting second to the right of Larry
    (a) Sarah (b) Allen (c) Peter (d) Dannis
    (e) Ronald

189. Who is sitting opposite to Ronald
    (a) Sarah (b) Larry
    (c) Dannis (d) Thomas
    (e) Gayle

190. Who is sitting third to the right of Thomas?
    (a) Larry (b) Gayle (c) Allen (d) Dannis
    (e) Sarah

191. How many people are sitting between Gayle and Sarah when counted from the left of Gayle?
    (a) One (b) Two (c) Four (d) Three
    (e) None

DIRECTIONS (Qs. 192-195): *Read the following information carefully and answer the question.* **(IBPS PO Prelim-2023)**

An uncertain number of persons are sitting in a row facing towards North. P sits sixth from one of the extreme ends of the row. Only one person sits between D and T, R, who sits third to the right of T is an immediate neighbour of M. Only two persons sit between P and S, who sits third from the left end of the row. T sits eighth from the right end of the row K, who sits to the immediate right of P, is seated second to the left of D. M doesn't sit to the right of R. Only five people sit to the right of M. V sits sixth to the right of T.

192. How many person between K and M?
    (a) Six (b) Three (c) Four (d) Five
    (e) Two
193. Who sits fourth to the right of K?
    (a) V (b) T (c) R (d) S
    (e) M
194. How many persons are seated in the row?
    (a) 20 (b) 13 (c) 16 (d) 18
    (e) 21
195. If it is possible to make only one meaningful 4-letter English word with the 3rd, 8th, 10th and 11th letters of the word 'COMFORTABLE', which of the following will be the fourth letter from the left end of that word? If no such word can be made give'A' as the answer and if more than one such word can be made give 'C' as the answer.
    (a) A (b) E (c) L (d) C
    (e) M

DIRECTIONS (Qs. 196-200): *Read the following information carefully and answer the questions.* **(IBPS PO Prelim-2023)**

Nine students A, B, C, D, E, F, G, H and I study in a particular college but they belong to three different cities namely Delhi, Jaipur and Agra with not more than four students and not less than two students belonging from the same city.
I and H do not belong to the same city E belongs to the same City as G. A doesn't belong to either Jaipur or Delhi. D, who belongs to Jaipur doesn't work in the same city as B, I and F belong to the same city C belongs to either Delhi or Jaipur. G doesn't belong to either Agra or Delhi. I belong to either Jaipur or Agra F doesn't belong to Jaipur or Delhi B, who belongs to Delhi comes from the same city as C. H belongs to the same City as D.

196. Which of the following statements is/are not true?
    Statement I: D and B belong to the same City
    Statement II: The number of students belonging to Delhi is four.
    Statement III: G belongs to Agra
    (a) Only Statement I
    (b) Both Statement I and III
    (c) All the statements are not true
    (d) Both statements I and III
    (e) Both statements I and II
197. The pair which represents students belonging to Jaipur
    (a) I and F (b) B and G
    (c) H and C (d) D and E
    (e) I and H
198. Who among the following belongs to Delhi.
    (a) G (b) H (c) F (d) E
    (e) B
199. The total number of students belonging to Jaipur and Delhi?
    (a) Five (b) Three
    (c) Six (d) Seven
    (e) Four
200. I belong to same City as?
    (a) H (b) C (c) B (d) A
    (e) E

DIRECTIONS (Qs. 201-202): *Study the following information carefully and answer the given questions.*

(IBPS PO Mains-2023)

8 person H, J, K, L, M, N, O and P are sitting in a circular table but not necessarily in the same order. 5 of them are facing centre and rest are facing away from the centre. Consecutive Alphabets person are not sitting next to each other. O sits 2nd to the right of J, K sits 3rd to the right of O. 3 person sits between K and L. L sits 2nd to the left of H. M is facing away from the centre. P sits immediate right of N, P and H are facing opposite direction to each other. Immediate neighbours of P are facing same direction. The one who sits 2nd to the left of P is facing away from the centre.

201. Who sits immediate left of K?
    (a) N   (b) P
    (c) M   (d) O
    (e) None of these

202. How many persons sit between N and L, when counted from right side of L?
    (a) One   (b) Two
    (c) Three   (d) Four
    (e) None

DIRECTIONS (Qs. 203-207): *Study the following information carefully and answer the questions given below.*

(IBPS PO Mains-2023)

Twelve persons M, N, O, P, E, F, G, H, I, J, K and L are living in a five storeyed building such that ground floor is numbered as 1, above it is floor 2 then top floor is numbered as 5. Each of the floor has 4 flats in it as flat-A and flat-B, flat-C and flat-D. Flat-A of floor-2 is immediately above flat-A of floor-1 and immediately below flat-A of floor-3 and so on. In the same way flat-B of floor-2 is immediately above flat-B of floor-1 and immediately below flat-B of floor-3 and so on. Flat-A is in west of flat-B and so on. 8 flats are vacant.

Note: minimum 2 and not more than 3 person lives in a floor.

I lives in flat B of an even number floor. There is a gap of two floor between I and M. No one lives to the west of M. There are two flats between the flats of G and F on the same floor. G lives to the west of F. P lives immediate above the flat of F. One person lives between M and N on the same floor. One vacant flat is just above and one is just below the flat of O, H lives to the west of J but not to the adjacent of J. J lives on an even floor and lives immediately above L's flat G does not lives same floor as I and O. K is sitting just in between two vacant flats on the same floor. J and O do not live in the same floor. O does not live in flat B. O lives on adjacent floor of N.

203. What is the name of the person who lives directly above O?
    (a) N   (b) E   (c) M   (d) G
    (e) No one

204. Who lives on flat D of floor 3?
    (a) G   (b) F   (c) P   (d) J
    (e) None of these

205. How many persons are living between N and the one who lives on flat D of floor 1.
    (a) 1   (b) 2   (c) 3   (d) 4
    (e) No one

206. Which of the following statement is true regarding K?
    (a) K is living immediately above I.
    (b) K is not living on an odd numbered floor.
    (c) Only two floors are there between K and E.
    (d) K is living on floor numbered 1.
    (e) None is true

207. Four of the following five belong to a certain group. Which of the following does not belong to the group?
    (a) M E   (b) I N   (c) O P   (d) GF
    (e) K L

DIRECTIONS (Qs. 208-212): *Read the following information carefully and answer the questions given below.*

(IBPS PO Mains-2023)

Certain number of persons are sitting in a row. Some of them are facing north and some of them are facing south. Each of them are from different cities. The person from Patna sits 3rd to the right of Q who is facing south. 6 persons sit between H and the person who is from Patna. H and the person from Patna are facing opposite directions. M sits 2nd to the left of H. The person from Ajmer sits 2nd to the right of M and facing opposite direction to M. M sits 6th to the left the one who is from Ajmer. T is an immediate neighbour of the one who sits 4th to the right of the one who is from Jaipur and D. The one who is from Jaipur sits third to the right of the one who is from Patna. The one who sits 4th the left of W sits one of the extreme ends. The number of person sitting to the right of W is thrice the number of person sitting to the left of W. Immediate neighbours of T are facing same direction but opposite to T. The one who sits 4th to left of D sits 2nd to the left of the one who is 7th from one end. Number of person sitting between D and the one who is from Delhi is thrice the number of person sits between W and the one who is from Delhi. Q is sitting at an extreme end. W and the one who is from Delhi are facing opoosite direction to D.

208. What is the position of the one who is from Delhi with respect to Q.
    (a) Immediate right   (b) Immediate left
    (c) Second to the right   (d) second to the left
    (e) Third to the right

209. What is the total number of persons sit in the row?
    (a) 13   (b) 15   (c) 17   (d) 18
    (e) None of these

210. Who among the following sits fourth to the left of D?
    (a) The one who is from Ajmer
    (b) M
    (c) W
    (d) Q
    (e) The one who is from Patna

211. How many persons are sitting between M and W?
    (a) 5   (b) 6   (c) 7   (d) 8
    (e) More than 8

212. Four of the following five belong to a certain group. Which of the following does not belong to the group?
    (a) The one who is from Ajmer
    (b) H
    (c) The one who is from Jaipur
    (d) D
    (e) The one who is from Patna

DIRECTIONS (Qs. 213-217): *Read the following information carefully and answer the questions given below.*

(IBPS PO Mains-2023)

Ten persons A, B, C, D, E, F, G, H, I and J sits in two rectangular tables P and Q. Three of them like horror movies three likes thriller and remaining likes romance movies.

Four persons sit in table P and remaining sits in table Q. The person sit in middle faces outside the centre and the person sit in corner face inside the centre.

Persons sits in table P sit in middle and in Table Q four persons sit in middle and four sit in the corner. Two seats are vacant in Table Q.

D sits in table P. J does not sit in table Q. G sits immediate left of J and neither of them like thriller. The one likes romance does not sit in the middle to table Q. D likes romance and sits opposite to G. E likes romance and sit on table Q. Both the immediate neighbours of E like thriller. More than three seats between the persons who likes thriller. A sits immediate left of the one who likes thriller. F sits third to the left of A. C. sits in table P. Two persons sits between D and J (Either from left or right). B does not like thriller and romance. Two persons sit between D and the one who likes thriller. The persons who like thriller does not sit in the corner. A sits in table Q. I sits 2nd to the left of a vacant seat. Both the vacant seats are not adjacent to each other. The one who likes horror sits immediate right of the one who likes romance.

213. Who among the following sits just right of C?
    (a) The one who likes horror
    (b) J
    (c) D
    (d) The one who likes Romance
    (e) The one who likes Thriller

214. Who among the following sits opposite to A?
    (a) F   (b) E
    (c) B   (d) Vacant seat
    (e) I

215. What is the position of I with respect to F?
    (a) Immediate right   (b) Second to the left
    (c) Immediate left   (d) Third to the right
    (e) Third to the left

216. Which of the following is the group of persons who like thriller movies?
    (a) GJB   (b) CFH
    (c) DFG   (d) AEI
    (e) BAH

217. Four of the following five belong to a certain group. Which of the following does not belong to the group?
    (a) C   (b) F   (c) I   (d) D
    (e) H

DIRECTIONS (Qs. 218-220): *Read the following information carefully and answer the questions given below.*

(IBPS PO Mains-2023)

Certain number of boxes are kept in two stack (Stack A and Stack B) one above the other such that Stack A is in west of Stack B. The bottommost box is numbered as 1 and the box just above it is numbered as 2 and so on. Both stacks have different number of boxes. Sum of total number of boxes kept in both stacks is 13. At most 8 boxes are kept in each stack. Out of these 13 boxes, six boxes are of different Colours (Red, Pink, Blue, Cyan, Aqua and Lime). Remaining boxes are of Black colour.

Note: If it is given that a box' is kept one/two/three boxes above/below 'another box' then both the boxes are kept in the same stack unless stated otherwise. If it is given that a box' is kept adjacent to 'another box', then the position (box number) of both boxes must be same unless stated otherwise. Each of the stacks has a box (no stack is vacant).

P is not kept in Stack B. K is kept three boxes above J which is kept in the same stack as G. F which is a Black box is kept adjacent to G which is an even numbered box. E and G are kept in different stacks. T which is pink box is kept adjacent to K which is a Black box. Blue box is kept two boxes below Lime box which is kept in the same stack as T. Cyan box and Lime box are not kept in same stack. M is kept two boxes above L but not in the same stack. P is kept one box below N but not in the same stack. H which is a Black box is kept adjacent to blue box. Aqua box is kept one box above cyan box but not in the same stack. C is kept three boxes above D which is an even prime numbered box. E which is a red box is kept two boxes above C. G is not the topmost box.

218. What is the colour of box G?
    (a) Black   (b) Blue
    (c) Aqua   (d) Cyan
    (e) Lime

219. How many boxes are between box E and L?
    (a) Two   (b) One
    (c) Three   (d) No
    (e) More than three

220. Which of the following box is kept in Stack A at a 5th position?
    (a) C   (b) M
    (c) T   (d) K
    (e) E

DIRECTIONS (Qs. 221-225): *Study the following information carefully and answer the given questions.*

(IBPS Clerk Prelim-2023)

Seven friends J, K, L, M, N, O, and P watched web series on seven different days from Monday to Sunday, but not necessarily in the same order. O watched one of the days before Thursday. L wateched immediately before O. As many friends watched before L as after N. J watched immediately before M. Only two friends watched between J and K. P watched before K but after J.

221. How many days are between O and the one who watched immediately before N?
    (a) Two   (b) None
    (c) Three   (d) One
    (e) More than three

222. Four of the following five are alike in a certain way based on the given arrangement and hence form a group. Which one does not belong to that group?
    (a) JN   (b) M-Sunday
    (c) PO   (d) L-Thursday
    (e) MN

223. Who among the following friend watched the web series two days after M?
    (a) N
    (b) The one who watched on Saturday
    (c) The one who watched two days before P
    (d) P
    (e) O

224. Which among the following statement(s) is/are true with respect to the final arrangement?
    (a) O watched three days before P
    (b) M watched on Thursday
    (c) One person watched between J and L
    (d) K watched two days after M
    (e) All are true

225. If all the friends are made to watch web series in the alphabetical order from Monday to Sunday then who among the following friend remains unchanged in their position?
    (a) L   (b) M
    (c) K   (d) Both (b) and (c)
    (e) Both (a) and (c)

DIRECTIONS (Qs. 226-230): *Study the following information carefully and answer the given questions*

Eight Family members P, Q, R, S, T, U, V and W are sitting around a circular table facing the center but not necessarily in the same order. Only two members sit between U and R. Q sits second to the right of R. T sits thrid to the left of Q. W sits second to the right of T. As many members sit between W and P when counted from the right of W as between U and R when counted from the right of U. V sits second to the right of P.

226. Who among the following member sits second to the right of the one who sits opposite to V?
    (a) U   (b) S
    (c) R   (d) P
    (e) W

227. Which of the following statement is true as per the final arrangement?
    I.   S sits immediate left of Q
    II. W sits second to the left of T
    III. V sits third to the right of S
    (a) Both II and III   (b) Only III
    (c) Both I and II   (d) Only I
    (e) Both I and III

228. How many people are sitting between T and P when counted from the right of T?
    (a) Four   (b) One
    (c) Two   (d) Three
    (e) None

229. Four of the following five are alike in a certain way based on the given arrangement and thus forms a group. Which one of the following does not belong of the group?
    (a) RP   (b) VQ
    (c) PU   (d) TS
    (e) UW

230. In which of the following option the first member sits exactly in the middle of the second and third member?

    (a) SUR   (b) TRW
    (c) QRV   (d) PSQ
    (e) VPR

DIRECTIONS (Qs. 231-235): *Study the following information carefully and answer the given questions.*

Eight boys viz., J K L M P Q R and S were born on two different dates either 7th or 22nd of four different months June, July October and November of the same year but not necessarily in the same order.
P was born in the month having even number of days. As many boys were born before P as after L. Only one boy was born between L and Q. Only three boys were born between Q and R. J was born immediately before M. Both Q and J were not born in the same month. As many boys were born before J as after S. K was born in one of the months before S.

231. In which of the following month and date M was born?
    (a) July 7   (b) October 22
    (c) June 22   (d) November 7
    (e) October 7

232. Four of the following five are alike in a certain way based on the given arrangement and thus forms a group. Which one of the following does not belong to the group?
    (a) QR   (b) SP
    (c) RK   (d) KS
    (e) LR

233. Which of the following statement is true as per the final arrangement?
    I.   Q was born in on even numbered date.
    II. S was born before R.
    III. Only one person was born between Q and J.
    (a) Only II   (b) Both II and III
    (c) Only I   (d) Both I and II
    (e) Only III

234. How Many boys were born between M and K?
    (a) Four   (b) Two
    (c) One   (d) Three
    (e) None

235. As many boys born before R as after_____.
    (a) K   (b) S
    (c) Q   (d) L
    (e) J

DIRECTIONS (Qs. 236-240) : *Study the following information carefully and answer the given question.*

13 houses are situated in a linear row four west to east, numbered 1 to 13, with all facing north. Out of these 13 houses, 9 houses are occupied by 9 persons and remaining four are vacant E lives in the 7th house. One person lives between C and A where A does not live at extreme ends. Three houses are there between C and E. Immediate neighbouring houses of C are not vacant. I and F are immediate neighbours. D lives second to the right of A. Four houses are there between D and H. H lives to the right of G and to the left of B. Number of houses to the right of F is one less than number of houses to the left of C. G does not live at extreme ends.

236. How many persons live between the one who lives second from right end A ?
    (a) One   (b) Two
    (c) Three   (d) Four
    (e) Five

237. Who among the following lives between E and A?
    (a) D   (b) H
    (c) B   (d) I
    (e) None

238. Find the odd one out?
    (a) GI   (b) DC
    (c) HE   (d) FH
    (e) EA

239. What is the position of D's house respect to H's house?
    (a) 4th Right   (b) 5th Left
    (c) 3rd Left   (d) 5th Right
    (e) None of these

240. How many persons are Living to the left of B?
    (a) One   (b) Two
    (c) Three   (d) Four
    (e) None

DIRECTIONS (241-245) : *Study the following information carefully and answer the below questions.*

(IBPS Clerk Mains-2023)

Eight players – E, G, I, K, N, P, T, and W are sitting in a row facing north. Each players wears different jersey numbers viz. - 10, 11, 15, 16, 18, 19, 23, and 28. All the information is not necessary in the same order.

P sits fourth to the left of the one who wears 28 number jersey, none of them sits at the end. K sits third to the left of W, wo wears 11 number jersey. The number of players sitting to the left of K is one less than the number of players sitting to the right of G, who wears a prime number jersey wore by G. T's jersey number 5 more than I's jersey number, who sits third to the right of the one who wears 18 number jersey. I and W sit together. E doesn't wear an even number jersey and sits third to the left of N. doesn't wear a prime number jersey.

241. What is the position of N with respect to the one who wears 23 number jersey?
    (a) Third to the right (b) Immediate left
    (c) Second to the right (d) Fourth to the left
    (e) None of these

242. Four of the five are related to each other in a certain way and thus form a group, find the odd one out?
    (a) P - 11   (b) E - 10
    (c) W - 18   (d) K - 23
    (e) I - 19

243. How many players are sitting between N and the one who wears 11 number jersey?
    (a) As many players sitting to the right of G
    (b) Three
    (c) As many players are sitting between P and the one who wears 10
    (d) Four
    (e) Either (a) or (c)

244. Which of the following statements is /are true?
    I) P sits third to the left of the one who wears 11.

    II) T sits second to the right of the one who wears 28
    III) E wears jersey number 5 more than P's jersey number.
    (a) Only III
    (b) Only I and II
    (c) Only II and III
    (d) Only II
    (e) None of the statements is true.

245. Which of the following persons are sitting between K and the one who wears 23 number jersey?
    (I) The one who wears 19 jersey number
    (II) P
    (III) The one who sits second to the right of the one who wears 10 number jersey.
    (a) Only III   (b) Only I and II
    (c) Only II and III   (d) Only II
    (e) None of these

DIRECTIONS (Qs. 246-250): *Answer the questions based on the information given below:* **(RBI Grade B-2023)**

Nine persons J, K, L, M, N, O, P, Q and R were born on 20th of different months in the same year such that no one was born in March, June and November. These persons belong to different cities among Janakpur, Kanpur, Jaipur, Raipur, Jodhpur, Gorakhpur, Udaipur, Nagpur and Udhampur.

K was born in a month with 31 days and three months before the person from Raipur. Three persons where born between K and M, who is not the youngest. The person from Nagpur was born immediately after the one from Kanpur. The person from Kanpur was not born in a month with only 30 days. P is not from Gorakhpur.

There is a gap of only one month between the birth of P and the one from Janakpur. The person from Jaipur is five months elder than P. O was born two months after M. Only one person was born between O and N, who is from Janakpur. Q, who is from Udaipur, was born three months after R, who is not the eldest. J is younger than L. Person from Jodhpur was born before the one from Gorakhpur.

246. J is how many months older than Q?
    (a) Five   (b) Four   (c) Six   (d) Seven
    (e) Eight

247. Who among the following persons were born between L and the one from Udaipur?
    I. Person from Jaipur   II. M
    III. K
    (a) Both II and III   (b) All I, II and III
    (c) Both I and II   (d) Both I and III
    (e) Only II

248. The eldest person belongs to which place?
    (a) Raipur   (b) Jodhpur
    (c) Gorakhpur   (d) Kanpur
    (e) Udhampur

249. _____ persons were born between the person who is born in October and the one from _____.
    (a) Five, Nagpur   (b) Four, Jaipur
    (c) Three, Raipur   (d) Six, Janakpur
    (e) None of these

250. 3rd eldest person is _____ months older than _____.
(a) Three, M   (b) Five, Q
(c) Seven, P   (d) Four, O
(e) Six, K

DIRECTIONS (Qs. 251-255): *Answer the questions based on the information given below:*   **(RBI Grade B-2023)**

Nine boxes P, Q, R, S, T, U, V, W and X are kept one above the other. Each box contains different items among Clothes, Bottles, Books, Erasers, Notes, Pens, Ties, Shoes & Pencils. Number of items in these boxes is different among 7, 12, 14, 18, 21, 23, 24, 27 and 30. The bottommost box is numbered 1 and the topmost box is numbered 9.

Ties are kept in box 4. W is three boxes above the box with 24 items. V has 14 items and is one of the four boxes above W. Third box from the top contains 2nd highest number of items. There are three boxes between V and the box with 18 items. Number of bottles is six more than number of clothes. S is immediately below the box which contains clothes and neither of these boxes contains more than 23 items. There are three boxes between the box, which contains bottles and T, which contains books.

Shoes are three boxes above Q. P is immediately above U. Box, which contains Pens, is immediately above X. R is three boxes above the box, which contains the lowest number of items. Box with 23 items is immediately below the box, which contains Notes. Number of pencils is less than number of Erasers. Number of Books is not less than number of shoes.

251. R is how many boxes above the box which contains 21 items?
(a) Four   (b) Five
(c) Two   (d) Six
(e) Three

252. What is the sum of number of Erasers and pencils?
(a) 37   (b) 35
(c) 41   (d) 30
(e) 28

253. Which among the following box is not between the box containing the lowest and highest number of items?
I.   S
II. P
III. Box containing 14 items.
(a) Both I and II   (b) Only I
(c) Both II and III   (d) Only III
(e) Only II

254. What is the difference between the number of items in the topmost box and the number of Notes?
(a) 10   (b) 14
(c) 16   (d) 12
(e) 18

255. Which among the following boxes are kept between the box with 21 items and box containing Pens?
(a) Q   (b) R
(c) S   (d) T
(e) W

DIRECTIONS (Qs. 256-260): *Answer the questions based on the information given below.*   **(RBI Grade B-2023)**

Fourteen persons are sitting in two parallel rows containing seven persons in each row in such a way that there is an equal distance between adjacent persons. Initially, in row 1, T, U, V, W, X, Y and Z are seated and all of them are facing towards the east and in row 2, H, I, J, K, L, M and N are seated and all of them are facing towards the west. Therefore, in the given seating arrangement each person sitting in row 1, is facing the persons sitting in row 2 and vice versa. They play a game of throwing a dice. They interchange their initial position according to the game rules which are as follows:

I. On throwing the dice, if odd number comes, then the person sitting 2nd to the left of thrower exchanges his seat with the person sitting opposite to the one, who sits immediate right of thrower.

II. On throwing the dice, if even number comes, then the person sitting immediate right of the thrower exchanges his seat with one, who sits opposite to the thrower.

Before Movement:
1. X sits fourth to the left of T. Either X or T sits at an extreme end of the row.
2. The one who faces T sits second to the left of M.
3. W sits exactly in the middle of the row. J and K are immediate neighbors of each other.
4. Number of persons sitting to the left of M is twice the number of persons sitting to the right of M.
5. The one, who faces T sits to the immediate left of N and that person is neither J nor K.
6. Number of persons sit between T and V is same as the number of persons sit between X and W.
7. X neither faces J nor K. No one sits between W and Z.
8. At least two persons sit between N and L. V does not face I.
9. At most one person sit between W and U.
10. Y faces neither L nor J.
11. H throws the dice and gets 4 after that M throws the dice and gets 3 and finally, Z throws the dice and gets 1.

256. Who sits opposite to V after the movement?
(a) K   (b) H
(c) N   (d) M
(e) J

257. Who sits 2nd to the right of N before the movement?
(a) H   (b) J
(c) M   (d) I
(e) K

258. What is the position of X with respect to Z after the movement?
(a) facing the one, who sits 2nd to the right of Z
(b) 2nd to the right of Z
(c) 2nd to the left of Z
(d) facing the one, who sits immediate right of Z
(e) immediate left

259. How many persons sit between H and M before the movement?
(a) One   (b) Two
(c) Three   (d) More than three
(e) None

260. Which of the following statement is true about I?
     (a) I sits immediate right of X after the movement
     (b) I sits 4th to the left of U after the movement
     (c) I sits 4th to the right of H before the movement
     (d) I sits opposite to Z before the movement
     (e) None

Input Output

DIRECTIONS (Qs. 1-5): *Study the following information carefully and answer the questions given below.*
(SBI Clerk Mains-2023)

A arrangement machine, when given a particular input, rearranges it following a particular rule. The following is an illustration of the input and the steps of arrangement.

Input: LOVE, HOPE, FREE, GIFT, BEST, CAT, MAT, MAN, TOP
Step I: HOPE, FREE, GIFT, BEST, ELOV, ACT, MAT, MAN, TOP
Step II: FREE, GIFT. BEST, EHOP, ELOV, ACT, MAT, MAN, TOP
Step III: GIFT, BEST, EEFR, EHOP, ELOV, ACT, AMT, AMN, TOP
Step IV: BEST, FGIT, EEFR, EHOP, ELOV, ACT, AMT, AMN, OPT
Step V: BEST, FGIT, EEFR, EHOP, ELOV, ACT, AMT, AMN, OPT
Step V is the last step of the rearrangement. As per the rules followed in the above steps, find out the answer to each of the following questions for the Input given below.

Input: CALM, TRUE, COOL, SAFE, PLAY, CRY, LET, TOE, DOG

1. Which of the following is the third element from the left end in step V?
    (a) ERTU   (b) AEFS
    (c) ACLM   (d) CLOO
    (e) ALPY

2. What is the position of "PLAY" from "ERTU" in step III?
    (a) 3rd to the left   (b) 2nd to the left
    (c) Immediate left   (d) 3rd to the right
    (e) None of these

3. Which word comes exectly between "AEFS" and "ERTU" in step V of the given input?
    (a) DGO   (b) CLOO
    (c) ELT   (d) ACLM
    (e) ALPY

4. In which step are the elements 'PLAY CLOO ERTU' found in the same order?   **(SBI Clerk Mains-2023)**
    (a) Second   (b) Fourth
    (c) Third   (d) Fifth
    (e) None of the above

5. Which of the following combinations represents the first two and last two elements in step IV of the given input?
    (SBI Clerk Mains-2023)
    (a) SAFE ,PLAY and EOT, DGO
    (b) PLAY, AEFS and EOT, DGO
    (c) PLAY, AEFS and TOE, DOG
    (d) CLOO, SAFE and CRY, ELT
    (e) ALPY, AEFS and EOT, DGO

DIRECTIONS (Qs. 6-10): *Study the following information carefully and answer the questions given below.*
(SBI PO Main-2023)

Number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step.

Condition:
1. If an odd number comes at even numbered position, then the first digit of the number is changed to #
2. If an Even number comes at odd numbered position, then the Second digit of the number is changed to @

Note: The position of Numbers and Blanks are taken from left to right.

Input:	38	33	25	83	47	54	98	72
Step 1:	25	38	33	__	47	54	7__	9__
Step 2:	33	__5	3__	#7	5@	7@	9__	#3
Step 3:	3@	#3	#5	__	5__	9@	#3	7__
Step 4:	#7	3@	__	#5	9@	#3	7@	__

6. What will comes in Blank in step 2?
    (a) @   (b) #   (c) 2   (d) 4
    (e) 8

7. Which of the following element immediately followed by #5 in step 3?
    (a) @7   (b) #7   (c) 7@   (d) #3
    (e) 3@

8. What will comes in Blank1 and Blank 2 in step 4 respectively?
    (a) 4#, #3   (b) 5@ , #7
    (c) #3, 5@   (d) 6#, 5@
    (e) None of these

9. Which of the following element immediately followed by #3 which is second from the right end in step 3?
    (a) 9#   (b) #9   (c) @9   (d) 9@
    (e) None of these

10. What will come in blank 2 in step 3?
    (a) Either @ or #   (b) @@
    (c) #   (d) @
    (e) None of these

DIRECTIONS (Qs. 11-14): *A number rearrangement machine rearranges a given input into final output following certain rules. Study the following information carefully and answer the below questions.*   **(RRB Officer Scale-I Mains-2023)**

Input: 432896 739258 582679 837265 943276 827369
Step I: 234689 _(1)_ 268579 268357 _(2)_ 268379
Step II: 234679 234689 _(1)_ 268357 _(2)_ 268579
Step III: _(1)_ 62472 63572 _(2)_ 122463 124063
Step IV: 225 _(1)_ 49 _(2)_ 100 64
Step V: _(1)_N_(2)_Z_(3)_Q

11. What comes in place of _(2)_ in step V?
    (a) N   (b) W
    (c) C   (d) Z
    (e) None of these

12. What comes in place of _(1)_ in step III?
    (a) 64272   (b) 124063
    (c) 124603   (d) 62463
    (e) None of these

13. What comes in place of _(2)_ in step I?
    (a) 237598   (b) 327496
    (c) 234679   (d) 1357298
    (e) None of these

14. What comes in place of _(1)_ in step V?
    (a) 25   (b) 16
    (c) 1   (d) 49
    (e) None of these

DIRECTIONS (Qs. 15-19): *Study the following information to answer the given questions.*   **(RBI Asst. Mains-2023)**

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement. All the numbers are two-digit numbers.

Input: 45 may June July 85 65 august april 24 68 28 march february 12

Step I: may 45 June July 65 august april 24 68 28 march february 12 85

Step II: march may 45 June July august april 24 68 28 february 12 85 65

Step III: june march may July august april 24 68 28 february 12 85 65 45

Step IV: july June March may august april 24 68 28 february 85 65 45 12

Step V: february July June march may august april 68 28 85 65 45 12 24

Step VI: august february July June march may april 68 85 65 45 12 24 28

Step VII: april august february July June march may 85 65 45 12 24 28 68

Step VII is the last step. As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the input given below.

Input: Sunday thursday 99 78 Tuesday Wednesday 85 19 friday 98 56 Monday 22 Saturday

15. Which of the following will be step IV of the rearrangement?
    (a) Saturday Sunday tuesday Thursday Wednesday 78 friday 98 monday 99 85 19 22 56
    (b) Sunday Saturday tuesday Wednesday thursday 78 friday 98 monday 99 85 19 22 56
    (c) Sunday Saturday tuesday Thursday Wednesday 78 friday 98 monday 99 85 19 22 56
    (d) Sunday Saturday tuesday Thursday Wednesday 78 friday 98 monday 85 19 99 22 56
    (e) None of these

16. Which of the following is third to the right of the one that is eighth from the right end in step VI?
    (a) 85   (b) Friday   (c) Sunday   (d) 19
    (e) None of these

17. What is the position of 'Wednesday' in step V?
    (a) Fifth from the left   (b) Eighth from the right
    (c) Sixth from the right   (d) Eighth from the left
    (e) None of these

18. Which of the following will be the last step of the rearrangement?
    (a) monday sunday saturday Tuesday thursday wednesday friday 98 99 85 19 22 56 78
    (b) friday monday sunday saturday Tuesday thursday Wednesday 98 85 99 19 22 56 78
    (c) friday monday sunday Saturday Thursday tuesday Wednesday 99 85 19 22 56 98
    (d) friday monday sunday Saturday Tuesday Wednesday thursday 98 85 99 56 22 78
    (e) None of these

19. How many elements (words or numbers) are there between 'tuesday' and '98' as they appear in the third step of the output?
    (a) One   (b) Two   (c) Four   (d) Five
    (e) Six

DIRECTIONS (Qs. 20-23): *A machine input rearrangement is given below. Study and analyse the input and its steps and answer the following questions:*   **(IBPS PO Mains-2023)**

| INPUT: | 7289 | CLAY | 2854 | POUR | 5941 | ABLE | 6217 | FLIP |
| | 9723 | ONUS | | | | | | |

| STEP 1 : | 49398 | ABLE | 4963 | ONUS | 251050 | CLAY | 36326 | FLIP |
| | 81832 | POUR | | | | | | |

| STEP 2 : | 48399 | BAKF | 4639 | PMVR | 2155 | BKBX | 26633 | |
| EKJO | | 28813 | OPVQ | | | | | |

| STEP 3 : | 1221 | BKF | 1012 | PMVR | 211 | KX | 146 | KJ |
| | 184 | PVQ | | | | | | |

| STEP 4 : | 429 | BFK | 134 | MPRV | 119 | KX | 22 | JK |
| | 2 | PQV | | | | | | |

| STEP 5 : | 432 | | 130 | | 117 | 20 | 5 | |

Step 5 :is the final step for the above input. Now, following a similar pattern, find output for the given input.

INPUT: 8456 UNIT 5183 DEAR 4297 EVEN 6315 SLIP 2487 PINK

20. In step II, how many codes are there that are preceded by a number either starting with a vowel or ending with a vowel?
    (a) None   (b) One
    (c) Two   (d) Three
    (e) Four

21. What is the difference between 3rd largest number obtained in step 3 and the 4th smallest number obtained in the same step?
    (a) 250   (b) 400   (c) 380   (d) 440
    (e) None of these

22. Which element will be sixth to the left of the 2nd element from right in Step 4?
    (a) M   (b) 196   (c) JMSV   (d) 190
    (e) None of these

23. What is the sum of 2nd number from left end and 2nd number from right end in step 5?
    (a) 258   (b) 157   (c) 198   (d) 375
    (e) None of these

DIRECTIONS (Qs. 24-28) : *A number arrangement machine when give an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.* **(IBPS Clerk Mains-2023)**

INPUT :	346789	846063	286112	541206	623714	107825
Step 1:	346781	84609	28614	541236	623716	107825
Step 2:	76781	12609	10614	91236	83716	17825
Step 3:	67781	12690	01641	19263	38761	17852
Step 4 :	1782	1690	1642	8266	5762	6854
Step 5 :	64 100 49	81 49 36	100 144	14464	196 81	

Find the different steps of output using the above mentioned logic for the following input.

Input : 55858 82944 19816 29475 73847 68096

24. Which of the following number is 5th from rightend in step 4?
    (a) 1854 (b) 1898
    (c) 1868 (d) 1866
    (e) 1962

25. How many odd numbers in step 3?
    (a) One (b) Two
    (c) Three (d) Four
    (e) Five

26. What is sum of numbers 3rd from left end and 2nd from right end in step 5?
    (a) 244 (b) 109
    (c) 485 (d) 205
    (e) 350

27. What is the difference between numbers 4th from left end and 5th from right end in step 2.
    (a) 492 (b) 525
    (c) 616 (d) 509
    (e) None of these

28. Which of the following number is 7th from the left end in step 5?
    (a) 16 (b) 64
    (c) 81 (d) 144
    (e) 289

Syllogism

DIRECTIONS (Qs. 1-3): *Study the following information and answer the following questions.* **(SBI Clerk Mains-2023)**

P # Q means All P is Q.
P @ Q means Some P is not Q.
P * Q means Only a few P is Q.
P $ Q means Some P is Q.
P ^ Q means No P is Q.
% means possibility e.g. P $% Q means Some P can be Q.

1. **Statements:** Book @ Table # Mobile $ Pen * Copy
   Conclusions:
   I. Table #% Pen
   II. Book @ Mobile
   III. Copy * Pen
   (a) Only I follows (b) Only II follows
   (c) Only III follows (d) Only I and II follows
   (e) Only I and III follows

2. **Statements:** H4 # G3 * S6^ Y4# Q7
   Conclusions:
   I. G3 @ Y4 II. H4#% S6
   III. S6 #% Q7
   (a) Only I follows
   (b) Only II and III follows
   (c) All follows
   (d) Only I and II follows
   (e) Only III follows

3. **Statements:** Man * Woman ^ House @ Car # Bike
   Conclusions:
   I. Car @ Woman II. Man #% Bike
   III. Bike @ Woman
   (a) Only I follows
   (b) Only II and III follows
   (c) None follows
   (d) Only I and III follows
   (e) Only II follows

DIRECTION (Q. 4): I*n the question below, there are three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows them from the given statements disregarding commonly known facts.* **(SBI PO Prelim-2023)**

4. **Statements:**
   Some mobiles are TV.
   No mobile is Fridge.
   Some Fridge is not A.C.
   Conclusions:
   I. All T.V can be Fridge.
   II. Some mobile is not A.C.
   (a) Both follow (b) Only II follow
   (c) Neither I nor II follow (d) Only I follow
   (e) Either I or II follow

DIRECTION (Q. 5): *In the question below, there are three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows them from the given statements disregarding commonly known facts.* **(SBI PO Prelim-2023)**

5. **Statements:**
   Only a few Book are Paper.
   No Paper is plastic.
   All bag are plastic.
   Conclusions:
   I. Some Paper can be bag.
   II. Some book can be plastic.
   (a) Both I and II follow (b) Only I follow
   (c) None follow (d) Either I or II follow
   (e) Only II follow

DIRECTION (Q. 6): *Study the following information to answer the given question.* **(SBI PO Main-2023)**

6. M $ N means 'All M are N'.
   M # N means 'No M is N'.
   M & N means 'Some N are not M'.

M @ N means 'Some N are M'

M % N menas 'Only a few M are N.

+ means possibility case

Note: if + is placed after any of the symbols mentioned above then it will be consider as possibility case of the symbol. E.g., M$+N means All M being N is a possibility.

Statement: K % G $ J $ F $ H

Conclusion: (i) J $ + K

(ii) H # + J

(iii) H # + K

(a) Only I   (b) Only II and III

(c) All I, II, III   (d) Only I and III

(e) None of these

DIRECTIONS (Qs. 7-9): *In the question below are given three statements followed by two conclusions I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts, Read all the given conclusions and then decide which of the following conclusions logically follows from the given statements disregarding commonly known facts.*

(RBI Assist. Prelim-2023)

Give Options:

(a) Only conclusion I follow

(b) Only conclusion II follows

(c) Either conclusion I or II follows

(d) Neither conclusion I nor II follows

(e) Both conclusion I and II follow

7. **Statements:**

All Pant are Shirt.

Some Pant are Jeans.

Some Shirt are not T-shirt.

Conclusions:

I.   Some Shirt can be T-shirt.

II. At least some Jeans are Shirt.

8. **Statements:**

No Tea is Coffee.

No Coffee is Milk.

Some Water are Milk.

Conclusions:

I.   Some Milk are definitely not Tea.

II. At least some Water are not Coffee.

9. **Statements:**

All Phone are Laptop.

No Phone is Printer.

No TV is Phone.

Conclusions:

I.   All Laptop can be TV

II. All TV being Printer is a possibility.

DIRECTIONS (Qs. 10-12): *In the question below are given statement followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be even if they seem to be at variance with commonly given statements disregarding commonly known facts.*

(IBPS PO Prelim-2023)

---

10. **Statement:**

All Crow are Birds

Some Birds are Parrots

No Parrots is Sapprow

Conclusion:

I.   Some Crow are Parrots

II. No Crow is Parrot.

(a) Only conclusion I follows.

(b) Only conclusion II follows.

(c) Either conclusion I or II follows

(d) Neither conclusion I or II follows

(e) Both conclusions I or II follows

11. **Statement:**

Only a few Cap are Shirts

Only a few Shirts are Belt

Only a few Belt are Trouser

Conclusion:

I.   Some Belt can be Caps

II. All Trousers can be Shirts.

(a) If only conclusion II follows

(b) If neither conclusion I or II follows

(c) If both conclusion I or II follows

(d) If either conclusion I or II follows

(e) If only conclusion I follows

12. **Statement:**

Only Buses is Car

Only a few Buses are Ship

Some Ships are Bikes

Conclusion:

I.	No Car is Bikes	II.	Some Bikes are Car
(a)	Only I follows	(b)	Both follows
(c)	Either I or II follows	(d)	Only II follows
(e)	Neither I or II follows		

DIRECTIONS (Qs. 13-15): *Study the following statements and then decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.*

(IBPS Clerk Prelim-2023)

---

13. **Statements:**

Only few watch are ring.

No ring is a pendant.

No pendant is a stud.

Conclusion:

I.   No stud is a ring

II. Some watch not being stud is a possibility

(a) Only conclusion I follows

(b) Only conclusion I or II follows

(c) Either conclusion I or II follows

(d) Neither conclusion I nor II follows

(e) Both conclusion I and II follow

14. **Statements:**

Some syrup are Bam.

Some Bam are Tablets.

Only a few tablets are inhaler.

Conclusion:

I.   Some inhaler are syrup.

II. No syrup is a inhaler.

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Either conclusion I or II follows
(d) Neither conclusion I nor II follows
(e) Both conclusions I and II follow

15. **Statements:**
No Steamer is a Freezer.
All Freezers are Juicer.
Only a few Juicer are Mixer.
Conclusion:
I.   Some Juicer is not Steamer.
II. No Mixer is a Freezer.
(a) Only conclusion II follows
(b) Only conclusion I follows
(c) Either conclusion I or II follows
(d) Neither conclusion I nor II follows
(e) Both conclusions I and II follow

DIRECTIONS (Qs. 16 - 18): *In the questions below there are four statements followed by three conclusions I and III. You have to take the four given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the four statements disregarding commonly known facts.*

(IBPS Clerk Mains-2023)

16. **Statement :** All A are B.
Only a few B are C
All C are D
No D is E
Conclusion
(I)   All B being E is a possibility
(II) Some A is C
(III) Some B is not E
(a) Only conclusion III follows
(b) Both conclusions I and III follow
(c) All the conclusions follow
(d) Either conclusion II or III follows
(e) None of the conclusions follow

17. **Statement :** NO P is Q
All R is Q
Only a few R are S
All S are T
Conclusion
(I)   Some Q is not S
(II) All Q being S is a possibility
(III) Some T are not P
(a) Only conclusion I follow
(b) Both conclusions I and III follow
(c) Only conclusions III follow
(d) Either conclusion I or II follows
(e) None of the conclusions follow

18. **Statements :** All J are K
Only A few L are L
All L are M
No M is N

Conclusions
(I)   Some L are N
(II) Some K are not N
(III) All N being N is a possibility
(a) Only conclusion II follows
(b) Both conclusions II and III follow
(c) All the conclusions II follows
(d) Only conclusion on III follows
(e) None of the conclusions follow

DIRECTIONS (Qs. 19-20): *In each of the questions below are given some statements followed by five conclusion. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically does not follow from the given statements, disregarding commonly known facts.* **(RBI Grade B-2023)**

19. Only a few Apples are Kiwis. No Apple is Guava. No Pear are Kiwis.
Conclusion:
(a) Some Pears can be Guavas
(b) All Apples can be Kiwis
(c) Some Guavas are not Apples
(d) Some Pear are Apples is a possibility
(e) Some Kiwis can be Guavas

20. Some doctors are teachers. Only a few teachers are Managers. No Managers is engineers
Conclusion:
(a) Some engineers being doctors is a possibility.
(b) Some teachers are not managers
(c) Some teachers are not engineers is not a possibility.
(d) Some doctors are managers.
(e) Some doctors are managers is a possibility.

DIRECTIONS (Qs. 21-22): *In the following question, two conclusions have been given followed by five sets of possible statements. You have to take the given conclusions to be true even if they seem to be at variance with the commonly known facts and then decide for the given conclusions logically follow from which of the given set of statements disregarding commonly known facts.* **(RBI Grade B-2023)**

21. Conclusions:
1. Some Red are not Pink.
2. Some Red are Yellow.
Statements:
(a) All Pink are Yellow. No Yellow is Red. Some Red are Color.
(b) Some Pink are Yellow. Some Yellow are Red. All Red are Color.
(c) No Pink is Yellow. All Yellow are Red. Some Red are Color.
(d) All Pink are Yellow. Some Yellow are Color. Some Red are Color.
(e) All Yellow are Pink. All Pink are Red. All Red are Color.

22. Conclusions:
1. Some Homes are Villas is a possibility.
2. Some hostels are not Tents.

Statements:
(a) All Villas are Cottages. All Cottages are hotels. No Cottage is tent. No Home is hotel.
(b) Some Villas are Cottages. All Cottages are hotels. No home is tent. Some cottages are tent.
(c) All villas are cottages. All cottages are hotels. No cottage is tent. All homes are hotels.
(d) Some villas are cottages. No cottage is hotel. No hotel is home. Some homes are tent.
(e) None of these.

Data Sufficiency

1. Six people from three generations of a family live in a house. How many males are in the family?
   (SBI Clerk Mains-2023)
   Statement I – K is the daughter of G, who is married to H. J is the father of a son and a daughter. F, the sister of H, is unmarried. H is the son-in-law of I.
   Statement II – J is the father of H, who is married to G. I is the mother of G, who has a daughter. F is the aunt of K. J has two children, a son, and a daughter.
   (a) Only Statement I alone is sufficient to answer the question
   (b) Only Statement II alone is sufficient to answer the question
   (c) Both statements together are sufficient to answer the question
   (d) Either statements are sufficient to answer the question
   (e) Neither statements are sufficient to answer the question

2. The question below consists of two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the three statements and give answer:
   Six boxes namely – N, M, L, K, J and I are kept one above other, each box contains different Vegetables viz. Tomato, Potato, Carrot, Onion, Corn and Garlic. Box M is kept third from top at a gap of one box from one that contains Onion. Box K contains Corn, which is neither kept adjacent to box M nor adjacent to the one that contain Onion, is kept just above one that contains Potato. How many boxes are kept below one contains Garlic?
   (SBI Clerk Mains-2023)
   I. Box which contains Carrot and Onion are kept together. Box I, which neither contains Carrot nor contains Onion, is kept at a gap of two from box N. Box which contains Carrot is kept at a gap of three from box J.
   II. I which contains Tomato is kept at a gap of two from box N, which neither contains Carrot nor kept adjacent to box K. Only two boxes are kept between box J and one which contains box Garlic.
   (a) If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
   (b) If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.

   (c) If the data either in statement I alone or in statement II alone is sufficient to answer the question.
   (d) If the data in both statement I and II together are not sufficient to answer the question.
   (e) If the data in both statement I and II together are necessary to answer the question.

3. Seven persons namely – Ravi, Sonu, Kavita, Sameen, Tanu, Manu and Shyam have different salaries, Salary of how many people are less than Sonu?
   (SBI Clerk Mains-2023)
   I. Salary of Ravi is more than Kavita and Sonu but not as much as Shyam. The salary of Kavita is more than Tanu and Sameen but not as much as Ravi and Shyam. Salary of Tanu is only more than two Person and salary of Manu is lowest.
   II. Salary of Sonu is more than that Shyam and Tanu but not as much as Shyam and Kavita . The salary of Manu is more than Sameen and Manu but not as much as Ravi and Kavita . Salary of Shyam is the highest, and Salary of Sameen is not lowest.
   (a) If the data in Statement I alone is sufficient to answer the question, while the data in Statement II alone is not sufficient to answer the question. b) Ic) d) . e)
   (b) If the data in Statement II alone is sufficient to answer the question, while the data in Statement I alone is not sufficient to answer the question.
   (c) If the data either in Statement I alone or in Statement II alone is sufficient to answer the question.
   (d) If the data in both the Statements I and II together are not sufficient to answer the question
   (e) If the data in both the Statements I and II together are necessary to answer the question

4. Study the following information carefully and answer the given questions. **(SBI Clerk Mains-2023)**
   Seven persons Z, Y, X, W, V, U, and T are living in an eight-storey building where the bottommost floor is numbered as 1 and the floor just above it as 2 and so on. One floor is vacant. Only one person lives on one floor. In which floor does U live?
   I. One of the odd numbered floors is vacant. X lives in an odd floor below W who lives in an even numbered floor but not on the top floor. W is not immediate above X. 3 people lives between W and T.
   II. Number of floors above V is one more than the number of floors below V. The number of persons live between Z and V is same as the number of persons live between V and T. Z lives on the top floor. Y lives immediate above T.
   (a) I is alone sufficient
   (b) II is alone sufficient
   (c) Both statements are not sufficient
   (d) Either I or II alone sufficient
   (e) Both statements are needed to answer the question.

DIRECTIONS (Qs. 5-6): *Which of the following options alone is sufficient to answer the question.* **(SBI PO Main-2023)**

5. There are six children J, K, L, M, N and P who like different colors- Red, Green Pink, Blue, Brown and Black but not necessarily in the same order. Who among the following likes Brown color?

(a) Neither M nor N likes red color. Either K or P likes blue color. P and J does not like Black color. L likes Pink color.

(b) Either K or M likes Brown color. Neither L nor J likes blue color, but one of them likes green color. Either P or N likes red color.

(c) J likes Green and M likes neither red nor blue color. N likes either Black or Pink color. Neither L nor P likes blue color. L and P does not like Brown color.

(d) K likes blue color. Either N or J likes Black color. Neither nor M likes red color. P does not like Brown and Pink color.

(e) K likes blue color and P likes red color. J does not like Pink and Black color. L neither likes Green nor Pink.

6. Ten persons are staying in a building having 10 floors which were numbered from 1 to 10 were there in a building in which the ground floor was identified as the first floor, just above it was identified as the second floor, and so on. Only one person lives on each given floor. Who among the following lives 2 floors below R?

(a) S lives on a prime numbered floor below 6th floor. U lives two floors below P, who lives on an even numbered floor. 4 floors are between the floor of P and T, who lives just above R. Neither P nor U lives on a floor adjacent to S, who lives below Q.

(b) Five floors are between the floor on which P and Q lives. S lives just below Q, who does not live above 4th floor. Number of floors above S is twice of the number of floors below T. R lives below T but above S.

(c) There were two floors below Q. rtwo floors are between W. Two floors are between R and U who lives just below V. More than 3 persons live between U and S, who lives on even numbered floor.

(d) U lives on 7th floor just above W, who lives 3 floors away from O. One floor is between O and V which is 4 floors away from R.

(e) Five floors are between V and S. One floor is between P and U, which is on an odd numbered floor W, lives two floors above R, who lives just above Q.

DIRECTIONS (Qs. 7-10) : *Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and:* **(RBI Asst. Mains-2023)**

Give answer (a) If the data in Statement I alone is sufficient to answer the question, while the data in Statement II alone is not sufficient to answer the question.

Give answer (b) If the data in Statement II alone is sufficient to answer the question, while the data in Statement I alone is not sufficient to answer the question.

Give answer (c) If the data in Statement I alone or in Statement II alone is sufficient to answer the question.

Give answer (d) If the data in both the Statements I and II are not sufficient to answer the question.

Give answer (e) If the data in both the Statements I and II together are necessary to answer the question.

7. How many children are there in the class ?
   Statements :
   I. If arranged in ascending order of height, Suma is tenth from the top.
   II. In order of height, Suma is five positions above Ranjit who is eighth from the`bottom.

8. What is the code for 'going' in the code language ?
   Statements :
   I. In the code language 'where are you going' is written as 'ma ka ta re'
   II. In the code language 'going to college' is written as 'lo pe ta'

9. How is Shamim related to Mr. Varghese?
   Statements :
   I. Shamim's son is the only grandson of Mr Varghese.
   II. Mr. Varghese has only one son.

10. Village X is in which direction with respect to village Y?
    Statements :
    I. X is to the East of Z, which is to the North of Y.
    II. X is to the North of L, which is to the East of Y.

DIRECTIONS (Qs. 11-13): *In each of the following questions, three statements have been given. Analyse the given statements and answer whether the data given in the statements are sufficient to answer the question or not*

(IBPS PO Mains-2023)

(a) If data in Statement I alone is sufficient.
(b) If data in all Statement I, II & III is not sufficient.
(c) If data in only Statement I & III is sufficient.
(d) If data in only Statement III is sufficient.
(e) If data in only Statement I & II is sufficient.

11. 6 persons A, B, C, D, E and F were born in six different months January, March, April, May, June and July? Who was born in March?
    Statement I: Two persons were born between B and E. As many persons were born before E was same as persons born after D. B was born in a month of 30 days. A was born one month before F.
    Statement II: Two persons were born between B and E. As many persons were born before C was same as persons born after F. D was immediately born before C. C was born before F. C does not born in the month of March.
    Statement III: F was born after May. Three persons are born between F and D. One person was born between B and D. C was born before F.

12. There are 8 people sitting on two parallel rows such as four persons sit in each row. P, Q, R and S are sitting in row 1 and they are facing south and J, K, L and M are sitting in row 2 and they are facing north. All the persons are equidistant and facing each other in the opposite row. Who is sitting immediate left of the person who is facing Q?
    Statement I: J is sitting 2nd from one end of the ends. Q is not sitting adjacent to R, K is not sitting adjacent to J. The one who is facing J sits immediate right of P. One person sit between P and R.

Statement II: Q is sitting at one of the extreme ends. S is sitting 2nd to the right of the one who is facing K. S is not sitting at any extreme end.

Statement III: L and M are not sitting adjacent to each other. S and P are sitting adjacent to each other. P is not facing J. J is sitting 2nd from on of the ends. One person sits between the one who is facing L and R.

13. In a certain code language what is the code of 'City'?

Statement I: In a certain code language; Bitter in city' is coded as 'zan ran oan' and in a certain code language; 'City in far' is coded as 'ran zan ban'.

Statement II: In a certain code language; 'Bitter sweet fun' is coded as 'oan fan wan' and in a certain code language; 'sweet double single' is coded as 'tan fan lan'.

Statement III: In a certain code language; 'Double city in 'coded as' 'zan ran lan' and in a certain code language; 'In city sweet' is coded as 'zan fan ran'.

DIRECTIONS (Qs. 14-16): *In each of the following questions, two statements have been given. Analyse the given statements and answer whether the data given in the statements are sufficient to answer the question or not.* **(IBPS Clerk Mains-2023)**

(a) If data in the statement I alone is sufficient to answer the question.

(b) If data in the statement II alone is sufficient to answer the question.

(c) If data either in the statement I alone or statement II alone are sufficient to answer the question.

(d) If data given in both I & II are not sufficient to answer the question.

(e) If data in both statements I & II together are necessary to answer the question.

14. In a family of 6 members how is G related to H?

Statement I : G is the only son B. D is the father of B. C is the aunt of G. D has only 1 daughter. C's sister is the parent of G. H is unmarried.

Statement II : G is the child of E. D is the grandfather of G. B is the father of G. H is the sister of B. C is the daughter of D and sister of E.

15. Seven friends P, Q, R, S, T, U and V went to a mall on different days of the same week starting from Monday till Sunday. Who went immediately before the one who went on Wednesday?

Statement I : S went immediately before R, P went one of the days after Friday. 4 friends went between P and T. R did not went on Thursday. V did not went on Wednesday. 2 friends went between Q and U.

Statement II : V went before U. Q went 3 friends after V. S went 2 friends before P. 1 friend went between T and S. T went before S.

16. Six students A, B, C, D, E and F are sitting around a circular table facing inside. Who sits immediate left of F?

Statement I : Two persons sit between A and B. C sits 2nd to the right of B.

Statement II : As many sit between E and D as between D an B. D sits 2nd to the left of F.

17. The question given below consists of two statements numbered I and II given below it. **(RBI Grade B-2023)** You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the statements and give an answer.

Seven persons J, K, L, M, M, N, O and P are sitting around a circular table having eight seats such that one of the seats is vacant. The vacant seat is to the immediate left of J's seat. All are facing towards the centre. How many people sit between O and P, when counted from the right of O?

Statement I: O sits second to the right of J and to the immediate left of M. One person sits between M and P. K sits opposite to P. L and M are not sitting adjacent to each other.

Statement II: M sits third to right of J. K sits on the third seat to the left of J. One person sits between N and O but neither N nor O sits adjacent to J. N and O are not adjacent to vacant seat.

(a) The data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question

(b) The data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question

(c) The data either in statement I alone or in statement II alone is sufficient to answer the question

(d) The data given neither in statements I nor II is sufficient to answer the question

(e) The data in both statements I and II together are necessary to answer the question

Evaluating Inference

1. In the question, the statement is given followed by some inferences. You must consider the statement to be true even if it seems to be at variance from commonly known facts and then decide which inference can be drawn from the given statement. **(SBI Clerk Mains-2023)**

The Net has become an indispensable tool for finding information, communicate with people around the world and manage your finance. However, it also poses many risks and challenges for young generation, such as radicalisation, race hate materials, excessive violence, and suicide. Some experts argue that parents should monitor and limit their children's internet use, while others claim that this would violate their privacy and autonomy. Christie Brinkley, a famous actress and mother of three, has revealed that she uses an app to track her kids' online activity and restrict their screen time.

Inferences:

I. Christie Brinkley is a responsible parent who cares about her children's well-being and safety.

II. Parents have the right to interfere with their children's internet use as they see fit.

III. The internet is a dangerous place for children and they need constant supervision and guidance.

(a) Only I   (b) Only II

(c) Only III   (d) Only I and III

(e) Only II and III

2. **Inference:** Yoga has become a very popular type of exercise, but it may not be for everyone, before you sign yourself up for a yoga class, you need to examine what you want from your fitness routine. If you're looking for a high-energy, fast-paced aerobic workout a yoga class might not be your best choice.

This inference above best supports the statement that?
(RRB Officer Scale-I Prelim-2023)
(a) Yoga is more popular than high-impact aerobics
(b) Before embarking on a new exercise regimen, you should think about your needs and desires
(c) Yoga is changing the world of fitness in major ways
(d) Most people think that yoga isn't a rigorous form of exercise
(e) none of the above

3. **Statement :** Police have rescued 240 human trafficking victims, mainly child ren from forces labor and prostitution in a major operation is Burundi and Tanzania.
(IBPS Clerk Mains-2023)
(I) Mostly children fall into the hands of traffickers in their own countries adn abroad.
(II) Mainly Burundi and Tanzania witnessed the problem of human trafficking.
(III) Almost every country in the world is affected by trafficking, whether as a country of origin, transit or destination for victims.
Which of the following can be inferred from the given statement?
(a) Only I and II are implicit
(b) Only III is implicit
(c) Only III and II are implicit
(d) All are implicit
(e) None is implicit

Statement & Arguments

1. **Statement:** To manage the heavy workload, the workers of company X are demanding to increase the number of workers. The workers have also threatened the company to go on strike if the demand is not fulfilled by the company. Which of the following will strengthen or weaken the above statement? **(SBI Clerk Mains-2023)**
I. For the last few years, due to the heavy workload, the workers have been working extra hours and did not take any leave.
II. In the last six months, the workers of company X have repeatedly taken rest in between the work, thus the work is not completed.
(a) I is weak and II is strong
(b) Both are strong
(c) Both are weak
(d) I is strong and II is weak
(e) Either I or II is weak

2. Read the given information and answer the following questions: **(SBI Clerk Mains-2023)**
Our global civilization is said to be enhanced by variety. Sadly, despite recent biological evidence that has categorically refuted such views, theories of racial prejudice continue to be spread and put into reality.
Numerous people suffered unimaginable pain as a result of slavery, the slave trade, imperialism, and colonialism.
Which of the given statements will weaken the argument?
(a) Millions of people from the weaker segments of society now have voice and empowerment thanks to the institutions of our democratic polity and the growth of literacy.

(b) In comparison to the many advantages one person enjoys, people from various racial and ethnic origins may enjoy privileges.
(c) A National Committee should be established, and they should be encouraged by the general support of the legal protections against discrimination in the constitution and other laws.
(d) The internet and social media have made the globe a more interconnected place. However, some people are using this technical advancement to foment racial animosity.
(e) The government has established an institutional and administrative framework to address various types of discrimination within our democratic system

3. **Statement:** Defense Minister Rajnath Singh said the government has decided to open the entire area from Siachen base camp to Kumar Post for tourism purposes.
(RRB Officer Scale-I Prelim-2023)
Arguments:
I. The step taken will boost tourism in Ladakh and give people a window to appreciate the tough work done by Army jawans and engineers in extreme weather and inhospitable terrains and the decision is to be welcomed.
II. The Siachen Glacier at the height of around 20,000 ft in the Karakoram range is known as the highest militarized zone in the world where the soldiers have to battle frostbite and high winds.
(a) If only argument I is strong
(b) If only argument II is strong
(c) If either I or II is strong
(d) If neither I or II is strong
(e) If both I and II are strong

4. **Statement:** A multi-party system is a political system in which multiple political parties across the political spectrum run for national election, and all have the capacity to gain control of government offices, separately or in coalition. **(RRB Officer Scale-I Prelim-2023)**
Arguments:
I. This system allows a variety of interests and opinions to enjoy political representation. People can make a choice between several candidates.
II. No one party is likely to gain power alone. Therefore, it leads to difficulty in formation of government. It may lead to political instability and often appears to be very messy.
(a) Only I Strong
(b) Only II Strong
(c) If either I or II Strong
(d) If neither I nor II is Strong
(e) If both I and II are Strong

Statement & Assumptions

1. In each question below is given a statement followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.
Statement: Deepak the increasing reliance on AI-driven decision-making tools in the financial sector, a recent study

warns that automated financial advisors may inadvertently perpetuate biased financial practices, potentially exacerbating existing disparities. These AI systems, trained on vast datasets, have shown tendencies to offer biased advice, leading to concerns about the reinforcement of discriminatory financial practices.

(SBI Clerk Mains-2023)

Assumption:
I.   The integration of AI-driven financial advisors may contribute to reinforcing biased financial practices.
II. Financial institutions are actively working to eliminate biases in AI systems used for decision-making in the financial sector.
(a) Only I implicit
(b) Only II implicit
(c) Both I and II implicit
(d) Either I or II implicit
(e) Neither I nor II implicit

2.   In each question below is given a statement followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement. **Statement:** A popular food blogger, known for her Instagram account 'Tasty Bites Explorer,' was recently harassed by a man in a busy marketplace in Mumbai. The entire incident was captured on her Instagram Live and quickly gained attention. In the video, the man tries to strike up a conversation with the blogger, asking if she would like to join him for coffee. However, his seemingly harmless approach turns uncomfortable as he makes inappropriate remarks about the blogger's appearance. Despite her attempts to ignore him, the man persists in following her and making lewd comments.   **(SBI Clerk Mains-2023)**

Assumption:
I.   The behaviour of the man not only violated the blogger's right to privacy and dignity but also highlighted the broader societal issue of gender-based harassment that needs to be urgently addressed.
II. Incidents like these contribute to a negative perception of safety in public spaces for women, and such occurrences tarnish the reputation of the city.
(a) Only I implicit
(b) Only II implicit
(c) Either I or II implicit
(d) Both I and II implicit
(e) Neither I nor II implicit

3.   Read the statement below followed by two conclusions and decide which of the assumptions is implicit from the statement.   **(SBI Clerk Mains-2023)**
Statement: The college authorities have decided to give seven grace marks in the Mathematics paper to all the second-year students as the performance of these students in Mathematics was below their expectations.
Assumptions:
I.   Majority of the students in second-year may still fail in Mathematics even after giving them grace marks.
II. Majority of the students in second-year may now pass in Mathematics after giving grace marks.

(a) Only assumption I is implicit
(b) Only assumption II is implicit
(c) Either assumption I or II is implicit
(d) Neither assumption I or II is implicit
(e) Both assumptions I and II are implicit

4.   **Statement:** Divya was advised by the Doctor that she should not take part in the dance competition
Assumption I: The Doctor did not want Divya to take part in the competition because he was afraid that she might lose   **(RRB Officer Scale-I Prelim-2023)**
(a) All Assumption I, II & III follow
(b) Only Assumption I follows
(c) Assumption II follows but Assumption I and III do not follow
(d) None of the three assumptions follow
(e) Only Assumption III follows

5.   **Statement :** The school has decided to cancel the summer camp this year
Assumption I: No entries have been received by the Institution for students willing to join the summer camp
Assumption II: It is being cancelled because the weather is too hot   **(RRB Officer Scale-I Prelim-2023)**
(a) Only Assumption I follows
(b) Only Assumption II follows
(c) Neither Assumption I nor Assumption II follows
(d) Either Assumption I or Assumption II follows
(e) Both Assumption I and Assumption II follow

6.   **Statement:** "When forces like the special operation group (SOG) are set up, some excesses are bound to happen and some innocent suffer. But we should be satisfied with the success of this SOG". View of a citizen of an area where SOG has launched its operation.
(RRB Officer Scale-I Prelim-2023)
Assumptions:
I.   Seen in the larger interest of the people, agonies of the innocent is a small price to pay.
II. It is quite difficult for SOG to get the desired result without any negative impact.
(a) If only assumption I is implicit
(b) If only assumption II is implicit
(c) If either assumption I or II is implicit
(d) If neither assumption I nor II is implicit
(e) If both assumption I and II is implicit

DIRECTION (Q. 7): *The critical reasoning question is based on a short argument, a set of statements, or a plan of action, For question, select the best answer of the choices given and explain why the chosen answer is the right fit.*
(RRB Officer Scale-I Mains-2023)

Statement: Sky Air is not an airline the average backpacker would fly these days unless that backpack is owned by the United States military. Sky Air has only been in operation for a decade but has already experienced fatal accidents resulting in more than 200 passenger deaths, making it one of the most dangerous airlines in the world.

7.   Which of the following assumptions hold true?
Assumptions:
I: Sky Air is an inexpensive airline.

II: Sky Air is preferred by people all over the world but only citizens of the United States can travel through it.

III: Sky Air is one of the most unsafe airlines which people avoid travelling in.

(a) Only I and II
(b) Only II and III
(c) Only III
(d) All of the above
(e) None of the above

DIRECTIONS (Qs. 8-9): *In each question below is given a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions in implicit in the statement. Give answer :* **(IBPS Clerk Mains-2023)**

(a) If only assumption I is implicit
(b) If only assumption II is implicit
(c) If either I or II is implicit.
(d) If both I and II are implicit.

8. **Statement :** Recruitment board has ordered to release vacancies for 2000 vacant posts. But the board has also mentioned that the examination will be occurred if only the applications received is 40 times the number of posts.
Assumption:
I. There is not recruitment at the vacant posts by the board since last 4 years.
II. The arrangement of examination is a long and costly process.

9. **Statement :** Organization A has launched a new website thorough which the people can know about the benefits of their products. The website received a positive feedback by the media also. But at present only 20% public are using the website. So the HR department has decided to make a change in the website.
Assumptions:
I. The website is being used by the only the age group of 30 or more.
II. The website was not built in the observation of the HR department.

Statement & Conclusions

DIRECTIONS (Qs. 1-3): *In the question below are given two statements followed by two conclusons numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.* **(SBI Clerk Prelim-2023)**

1. **Statements :**
Only a few P is Q.
No Q is R.
Conclusions:
I. Some P are not Q.
II. Some P are R.
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusion I and II follow
(d) Either conclusion I or II follows
(e) Neither conclusion I nor II follows

2. **Statements :**
Only a few Bat are Ball.
All Books are Bat.
Conclusions:
I. Some Bat are not Ball.
II. Some Book are Ball.
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusion I and II follow
(d) Either conclusion I or II follows
(e) Neither conclusion I nor II follows

3. **Statements:**
Some Mobile is T. V.
Only a few T. V. is Laptop.
Conclusions:
I. All T.V can be Laptop
II. Some Laptop is Mobile
(a) Only I follow (b) Only II follow
(c) Both I and II follows (d) Either I or II follows
(e) Neither I nor II follows

DIRECTION (Qs. 4): *A passage is given and then three conclusions – I, II & III are given. You have to consider the information given in passage as true though it seems to be different from the actual facts. Then give your answer regarding the given passage that which of the conclusion/s is/are followed by it properly.* **(SBI Clerk Mains-2023)**

The newly opened bookstore "White Whale" has quickly gained popularity among the city's book lovers. Its extensive collection of books from various genres and periods has attracted readers of all ages. The bookstore's cozy reading books and tea shop have added to its charm. The store owner, Aakash, who has studied literature at a prestigious university, ensures that every book on the shelves is a gem.

4. **Conclusions:**
I. "White Whale" only sells new books.
II. The bookstore's success is due to its book collection and cozy atmosphere.
III. Akash's expertise is in management rather than literature.
(a) Only I
(b) Only II
(c) Both I and II
(d) Both I and III
(e) Only III

DIRECTIONS (Qs. 5-6): *Study the following statements and then decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.* **(RRB Office Asst. Prelim-2023)**

5. **Statements**: Only a few Mangoes are Grapes; some Grapes are Banana.
Conclusions:
I. All Bananas can be Mangoes
II. Some Mangoes are not Grapes.
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusion I and II follows
(d) Either conclusion I or II follows
(e) Neither conclusions I nor II follows

6.   **Statements**: All Jugs are Bottles; No Cup is a Jug.

    Conclusions:

    I.   All Cups are Bottles is a possibility.

    II.   No Bottle is a Cup.

    (a) Only conclusion I follows

    (b) Only conclusion II follows

    (c) Both conclusion I and II follows

    (d) Either conclusion I or II follows

    (e) Neither conclusion I nor II follows

DIRECTIONS (Qs. 7-10): *In the question below are given three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.*   **(RRB Office Asst. Main-2023)**

7.   **Statements**

    All Book are Pen.

    Some Pen are not Pencil

    Some Pencil are Eraser.

    Conclusions

    I.   Some Eraser can be Book.

    II.   Some Pen are not Eraser

    (a) Only I follow   (b) Only II follow

    (c) Either I or II follows   (d) Both I and II follow

    (e) Neither I nor II follows

8.   **Statements**

    All Dog are Cat.

    Only a few Cat are Rat.

    Some Chicken are Dog.

    Conclusions

    I.   Some Dog are Rat.

    II.   All Rat can be Cat.

    (a) Only II follows   (b) Only I follows

    (c) Either I or II follows   (d) Neither I nor II follows

    (e) Both I and II follow

9.   **Statements**

    All Shirt are Pant.

    Some Pant are Jacket.

    Only a few Hat are Shirt.

    Conclusions

    I.   No Shirt is Jacket

    II.   Some Hat can be Pant.

    (a) Only I follow   (b) Only II follow

    (c) Either I or II follows   (d) Neither I nor II follows

    (e) Both I and II follows

10.   **Statements**

    All Bus is Train.

    Only a few Train is Car.

    No Car is Bike.

    Conclusions

    I.   Some Bus can be Car.

    II.   All Cars are Train.

    III.   Some Bike can never be Train.

    (a) Only I follow   (b) Only II follow

    (c) Both I and II follow   (d) All follow

    (e) Both I and III follow

DIRECTIONS (Qs. 11-13) *In each of the questions given below three statements are followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.*   **(RRB Officer Scale-I Mains-2023)**

    (a) Only I follows

    (b) Only II follows

    (c) Either I or II follows

    (d) Neither I nor II follows

    (e) Both I and II follow

11.   **Statements:**

    All Chairs are Tables.

    Only a few Tables are Sofas.

    Some Sofas are not Bed.

    Conclusions:

    I.   Some Tables are not Bed.

    II.   No Chair is a Sofa.

12.   **Statements:**

    Some Papers are not Pen.

    Only a few Pen are Books.

    No Book is a Bag.

    Conclusions:

    I.   Some Papers are not Books

    II.   Some Pen are not Bags.

13.   **Statements:**

    Only a few TV are AC

    Only a few AC are Mobile.

    Some Mobiles are not PC.

    Conclusions:

    I.   Some AC are PC.

    II.   Some TV are not AC.

DIRECTION (Q. 14): *Consider the statement given to be true even if it seems to be at variance with the commonly known facts and decide which of the given conclusions logically follow (s) from the statement.*

                   (RRB Officer Scale-I Mains-2023)

14.   **Statements:**

    I.   Despite the fact that the lack of power in schools is taken note of by the Parliamentary Standing Committee which operates its own schemes and sponsors several school education programmes, India has not yet electrified a significant number of government schools.

    II.   According to data, only 56.45% of government schools had electricity and 56.98% a playground, while almost 40% lacked a boundary wall.

    Conclusions:

    I.   The tardy progress on such important facilities, in spite of the projects having been sanctioned, shows the low priority that school education is being accorded.

II. The government-run school sector needs a fund infusion and a public school system that guarantees universal access, good learning and all facilities has to be among the highest national priorities.
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Either conclusion I or II follows
(d) Neither conclusion I nor II follows
(e) Both conclusions I and II follow

DIRECTIONS (Qs. 15-18): *In each of the questions below are three statements followed by two conclusions numbered I and II. You have to take the three statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the three statements disregarding commonly known facts.*

(RBI Asst. Mains-2023)

Give answer (a) if **only** conclusion **I** follows.
Give answer (b) if **only** conclusion **II** follows.
Give answer (c) if **either** conclusion **I** or conclusion **II** follows.
Give answer (d) if **neither** conclusion **I** nor conclusion **II** follows.
Give answer (e) if **both** conclusion **I** and conclusion **II** follow.

15. **Statements:**
All plants are bottles.
All bottles are caps.
All caps are crowns.
Conclusions:
I. Atleast some crowns are bottles.
II. All plants are caps.
16. **Statements:**
All zebra are cows.
All camels are cows.
All tigers are zebra.
Conclusions:
I. All tigers are cows.
II. All camels being tigers is a possibility.
17. **Statements:**
Some pencils are mobiles.
All mobiles are grass.
All grass is green.
Conclusions:
I. All grass being pencils is a possibility.
II. No Green is mobile.
18. **Statements:**
All watches are cards.
Some cards are clips.
All clips are chairs.
Conclusions:
I. All chairs being cards is a possibility.
II. All clips being watches is a possibility.

DIRECTIONS (Qs. 19-20): *In each question below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement. Give answer:*

(IBPS Clerk Mains-2023)

(a) Only I follows (b) Only II follows
(c) Either I or II follow (d) Both follow
(e) None follow

19. **Statement :** The restaurant nearest to the station is experiencing heavy rush in peak hours, So the restaurant owner decided to close the cafe during the peak hour and appoint more workers.
Conclusions:
I. During the peak hours some customers will go to other restaurants
II. By appointing new workers the work can be managed smoothly and the new workers will take place of the old workers.
20. **Statement :** After country D has introduced the AI learning course, there is a notable 25% decrease in the number of students who are moving to country K.
Conclusions:
I. Country K has offered AI learning course.
II. The introduction of AI learning course in country D assured jobs of good salaries to students.

Course of Action

1. In the question given below, there is a statement followed by four courses of action. On the basis of the situation given you have to decide which of the suggested course(s) of action logically follow(s) for pursuing. There is an increase in the number of waterborne diseases in Area W of Country H because the people of that area are using tap water without any filtration. **(SBI Clerk Mains-2023)**
Course of action:
I. The supply of water in area W should be reduced.
II. To save from waterborne diseases public awareness programme should be arranged so that people can be aware of using clean water.
(a) If only I follows
(b) If only II follows
(c) If either I or II follows
(d) If neither I nor II follows
(e) If both I & II follow
2. **Statement:** A large number of people in ward X of the city are diagnosed to be suffering from a fatal malaria type.
Courses of Action:
I. The city municipal authority should take immediate steps to carry out extensive fumigation in ward X.
II. The people in the area should be advised to take steps to avoid mosquito bites. **(SBI PO Main-2023)**
(a) Only I follows (b) Only II follows
(c) Either I or II follows (d) Neither I nor II follows
(e) Both I and II follow
3. **Statement:** Exporters in the capital are alleging that commercial banks are violating a Reserve Bank of India directive to operate a post shipment export credit denominated in foreign currency at international rates from January this year. **(SBI PO Main-2023)**
Courses of Action:
1. The officers concerned in the commercial banks are to be suspended.

2. The RBI should be asked to stop giving such directives to commercial banks.
   (a) Only I follows   (b) Only II follows
   (c) Either I or II follows (d) Neither I nor II follows
   (e) Both I and II follow

4. **Statement:** The challenges that the mountain trail and campsite face are not an exception; other popular trails too grapple with similar waste issues.

                              (RRB Officer Scale-I Prelim-2023)

   Course of Action:
   (1) Overnight Camping on the trails should be banned for travelers as well as locals
   (II) Strict fines should be imposed on the foreigners visiting the place
   (a) Only I follows   (b) None follows
   (c) Either I or II follows (d) Only II follows
   (e) Both follow

DIRECTION (Q. 5): *In the question below is given a statement followed by two courses of action numbered I and Il. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested course of action logically follow(s) for pursuing.*   **(RRB Officer Scale-I Mains-2023)**

5. **Statement:** Unplanned grey areas are restricting the amount of water percolating into the earth. Water absorption takes places only in open areas and even then it is less than 8 percent. Nearly 25-30 percent of water absorbed by the surface will also evaporate and the rest is wasted
   Course of Action:
   (I) The government must pay attention to the infrastructure of the city as it needs upgradation.
   (II) If local corporation must make plans for the city, as there is a lot of potential to harvest water.

   (a) Only I follows   (b) None follows
   (c) Either I or II follows (d) Only II follows
   (e) Both follow

6. A company called Adeba is a multinational IT company, has its branches in 15 countries around the world and has its headquarter in country H, where it has 20 branches.
   Therefore, the company hires freshers from engineering colleges and universities throughout the country. Recently the company has let go many of the freshers of the company and also many have left the company due to the work not being done properly which is making the company's performance weak in the market.
   Select the best course of action: **(IBPS PO Mains-2023)**
   (a) There has to be a mandatory 2 years experience required from other software companies so that they will be eligible to join the company.
   (b) The company can take in freshers but there has to be strictness required to be held for the freshers, so that only the best can be recruited.
   (c) There is no need to take in any freshers from country H.
   (d) The freshers should be paid less as they are completely new as compared to the one's who are already in this industry.
   (d) None of the above.

DIRECTIONS (Qs. 7-8): *In each question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested courses of action logically follow(s) for pursuing. Give answer:* **(IBPS Clerk Mains-2023)**

(a) If only I follows
(b) If only II follows
(c) If either I or II follows
(d) If neither I nor II follows
(e) If both I and II follow.

7. There is an increase in number of water born diseases in area D of country L, because the people of area D are using the tap water without any filtration.
   Course of action:
   I. The supply of water in area D should be reduced.
   II. To save from water born diseases public awareness programe should be arranged so that people can be aware of using clean water.

8. **Statement :**
   Exporters in the capital are alleging that commercial banks are violating a Reserve Bank of India directive to operate a post shipment export credit denominated in foreign currency at international rates from April this year.
   Course of action:
   I. The officers concerned in the commercial banks are to be suspended.
   II. The RBI should be asked to stop giving such directives to commercial banks.

Cause & Effects

1. In the question given below, there are two statements (I) and (II). These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements.
   Statement I: Recent law changes in India have made it possible for mother's name to be used as a legitimate identification identifier on a variety of papers, including passports and PAN cards.   **(SBI Clerk Mains-2023)**
   Statement II: There are international human rights treaties and conventions that India is a signatory to, which uphold gender equality.
   (a) Statement I is the cause and statement II is the effect.
   (b) Statement II is the cause and statement I is the effect.
   (c) Both statement I and II are independent causes.
   (d) Both statements I and II are effects of independent causes.
   (e) Both statements I and II are effects of some common cause.

2. The university has decided to implement a new policy in the upcoming academic session that mandates all students to renew their biometric identity cards every six months which requires physical presence of the students. This was done due to limited use of resources by alumni. What effect will this policy have? **(SBI Clerk Mains-2023)**

Possible Effects:
I.   The policy will have a positive effect on both academic performance and engagement, as it will motivate the students to attend classes regularly, interact with their peers and instructors and take the benefit of the available resources.
II.   The policy will have a negative effect on both academic performance and engagement, as it will create an unnecessary burden and hassle for the students, especially those who live far away or have other commitments.
(a) Only I   (b) Only II
(c) Either I or II   (d) Neither I nor II
(e) Both I and II

Critical Reasoning

DIRECTIONS (Qs. 1-3): *Read the below passage carefully and answer the questions:*   **(SBI PO Main-2023)**

Giving children computers in grade school is a waste of money and teachers time. These children are too young to learn how to use computers effectively and need to spend time on learning the basics, like arithmetic and reading. After all, a baby has to crawl before she can walk.

1.   Which of the following, if true, would strengthen the speaker's argument?
     (a) studies showing computers are expensive
     (b) research on the effect of computer games on children
     (c) examples of high school students who use computers improperly
     (d) proof that the cost of computers is coming down
     (e) evidence that using computers makes learning to read difficult
2.   Which of the following, if true, would weaken the speaker's argument?
     (a) a demonstration that computers can be used to teach reading and arithmetic
     (b) analysis of the cost-effectiveness of new computers versus repairing old computers
     (c) examples of adults who do not know how to use computers
     (d) recent grade reports of students in the computer classes
     (e) a visit to a classroom where computers are being used
3.   Which of the following methods of argument is used in the previous passage?
     (a) a specific example that illustrates the speaker's point
     (b) attacking the beliefs of those who disagree with the speaker
     (c) relying on an analogy to prove the speaker's point
     (d) displaying statistics that back up the speaker's point
     (e) comparing different methods of learning
4.   **Statement:** More than 9 million high-school students across China are taking the biggest exam of their lives known as the gaucho, this week. For millions of teenagers, it's a big source of stress. For many business, it's a great chance to make money.   **(SBI PO Main-2023)**

Which of the following statements/facts substantiates the importance of this test for Chinese people?
(i)   The gruelling test determines where the students can go the university and what they'll study
(ii)   Parents are willing to loosen the purse strings to try to ensure success, splashing out on private tutors, good luck charms and even luxury hotels.
(iii) Chinese students have also begun spending more on drugs and dietary supplements that they believe will improve their memory and attention.
(a) Only (i)   (b) Both (i) and (ii)
(c) Only (iii)   (d) Both (ii) and (iii)
(e) All (i), (ii) and (iii)

DIRECTIONS (Qs. 5-6): *Study the following passage and answer the questions based on the given statements:*
                                                                    (SBI PO Main-2023)

Infosys Ltd has decided to appoint Bharti Airtel Ltd's global CFO Nilanjan Roy as chief financial officer, effective 1 March 2019. He replaces interim CFO Jayesh Sanghrajka, who will resume his responsibilities as deputy CFO. Roy spent 13 years with Airtel, before which he worked for 15 years with Unilever across their global operations. Jayesh Sanghrajka has been feeling sick at work and won't be able to get back to work.

5.   Which of the following is a conclusion, Assumption and Inference?
     (I) Nilanjan Roy is not working anywhere currently
     (II) Nilanjan Roy is a proper replacement for Jayesh Sanghrajka
     (III) Nilanjan Roy is working as a CFO at competitor firm
     (IV) Person should be well experienced to take on the job of a CFO
     (V) CFO is required by Infosys Ltd
     (a) Statement I is inference, Statement III is assumption and Statement II is conclusion.
     (b) Statement II is inference, Statement III is assumption and Statement V is conclusion.
     (c) Statement III is inference, Statement V is assumption and Statement II is conclusion.
     (d) Statement IV is inference, Statement II is assumption and Statement V is conclusion.
     (e) Statement V is inference, Statement IV is assumption and Statement II is conclusion.
6.   It is good news for Delhi residents heading to work on Friday morning after Christmas Eve, the fuel prices in the national capital have been decreased further. While petrol price has been decreased by Rs 0.19, diesel rates have been slashed by Rs 0.14. After the cut, petrol will now be available at 79.18 per litre and diesel at Rs 73.64 per litre. The fuel prices have also been reduced in Mumbai. Commuters can now get a litre of petrol for Rs 88.68 in the financial capital, registering a decrease of Rs 0.18. Diesel will cost Mumbaikars 79.18 per litre, a reduction of Rs 0.14.
     The fuel prices had earlier witnessed a relentless hike in the country, burning a hole in the common commuter's pocket.